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اطلاعات فنی سنسورهای ASHM(NG)



۰۹۱۲۰۰۶۱۶۹۷ ۶۶۳۸۳۴۰۶
۰۹۱۲۰۰۶۱۶۹۸ ۶۶۳۸۳۴۰۸
۰۹۱۲۰۰۶۱۶۹۹ ۶۶۳۸۳۴۰۹

RELIABLE STRATEGIC PARTNER

圆柱形接近开关系列

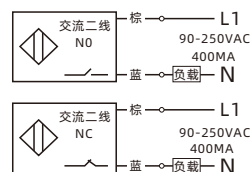
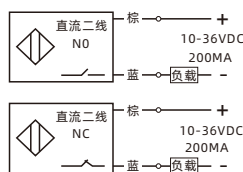
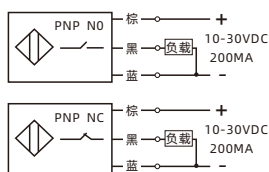
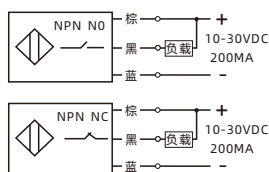
Cylindrical proximity switch series



BEM □□ - □□ - □□ 电感式接近开关/Inductive proximity switch

品牌型号 Brand model number	输出模式 Output mode		NK: NPN NO(常开) 3线/line
	检测距离 Detection distance		NB: NPN NC(常闭) 3线/line
圆柱直径 Cylinder diameter	01 1MM	08 8MM	PK: PNP NO(常开) 3线/line
	02 2MM	10 10MM	PB: PNP NC(常闭) 3线/line
	04 4MM	15 15MM	AK: AC NO(常开) 2线/line
	05 5MM		AB: AC NC(常闭) 2线/line
	08 8MM		LK: DC NO(常开) 2线/line
	12 12MM		LB: DC NC(常闭) 2线/line
	18 18MM		
	30 30MM		

检测物体 Test object	金属物体 Metal objects		
电流规格 Current specifications	200MA		
外壳材质 shell material	黄铜镀镍 螺纹式外壳 Brass nickel-plated threaded housing		
工作电源 Power supply	10-30VDC 90-250VAC		
导线长度 Wire length	1.8M(米)	螺纹直径 Thread diameter	M8X1
重量 weight	1PCS/0.048KG	10PCS/1盒(box) 0.560KG	



选型指南 规格说明

Selection Guide Specification

输出模式 Output mode		埋入式 Embedded type	单价 unit price	非埋入式 The embedded type	单价 unit price
NPN 直流型 NPN DC type 10-30VDC 200MA	NO	BEM08-01-NK		BEM08-02-NK	
	NC	BEM08-01-NB		BEM08-02-NB	
PNP 直流型 PNP DC type 10-30VDC 200MA	NO	BEM08-01-PK		BEM08-02-PK	
	NC	BEM08-01-PB		BEM08-02-PB	
二线直流型 Two-wire DC type 10-36VDC 200MA	NO	BEM08-01-LK		BEM08-02-LK	
	NC	BEM08-01-LB		BEM08-02-LB	
二线交流型 Two-wire AC type 90-250VAC 400MA	NO	BEM08-01-AK		BEM08-02-AK	
	NC	BEM08-01-AB		BEM08-02-AB	
感应距离 Sensing distance		1mm±10%		2mm±10%	

圆柱形接近开关系列

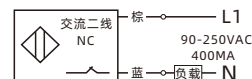
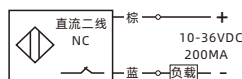
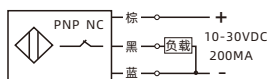
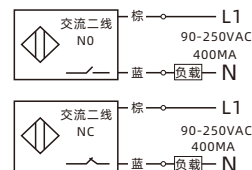
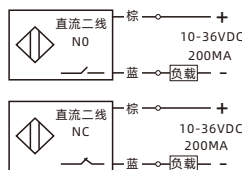
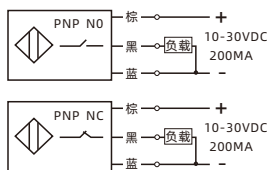
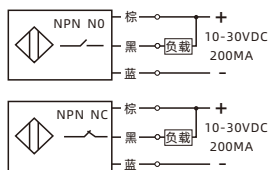
Cylindrical proximity switch series



BEM 电感性接近开关/Inductive proximity switch

品牌型号 Brand model number	输出模式 Output mode		NK: NPN NO(常开) 3线/line
			NB: NPN NC(常闭) 3线/line
			PK: PNP NO(常开) 3线/line
			PB: PNP NC(常闭) 3线/line
检测距离 Detection distance	01	1MM	08 8MM
	02	2MM	10 10MM
	04	4MM	15 15MM
	05	5MM	
圆柱直径 Cylinder diameter	08	8MM	
	12	12MM	
	18	18MM	
	30	30MM	

检测物体 Test object	金属物体 Metal objects		
电流规格 Current specifications	200MA		
外壳材质 shell material	黄铜镀镍 螺纹式外壳 Brass nickel-plated threaded housing		
工作电源 Power supply	10-30VDC 90-250VAC		
导线长度 Wire length	1.8M(米)	螺纹直径 Thread diameter	M12X1
重量 weight	1PCS/0.060KG	10PCS/1盒(box) 0.699KG	



选型指南 规格说明

Selection Guide Specification

输出模式 Output mode		埋入式 Embedded type	单价 unit price	非埋入式 The embedded type	单价 unit price
NPN 直流型 NPN DC type 10-30VDC 200MA	NO	BEM12-02-NK		BEM12-04-NK	
	NC	BEM12-02-NB		BEM12-04-NB	
PNP 直流型 PNP DC type 10-30VDC 200MA	NO	BEM12-02-PK		BEM12-04-PK	
	NC	BEM12-02-PB		BEM12-04-PB	
二线直流型 Two-wire DC type 10-36VDC 200MA	NO	BEM12-02-LK		BEM12-04-LK	
	NC	BEM12-02-LB		BEM12-04-LB	
二线交流型 Two-wire AC type 90-250VAC 400MA	NO	BEM12-02-AK		BEM12-04-AK	
	NC	BEM12-02-AB		BEM12-04-AB	
感应距离 Sensing distance		2mm±10%		4mm±10%	

圆柱形接近开关系列

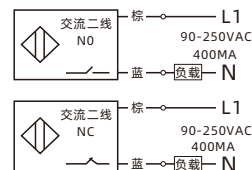
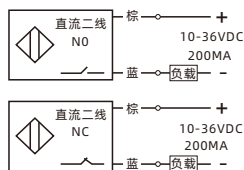
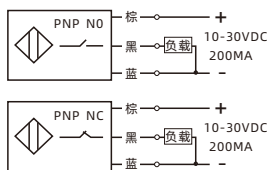
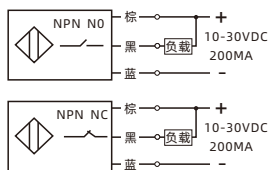
Cylindrical proximity switch series



BEM □□ - □□ - □□ 电感式接近开关/Inductive proximity switch

品牌型号 Brand model number	输出模式 Output mode		NK: NPN NO(常开) 3线/line NB: NPN NC(常闭) 3线/line
	检测距离 Detection distance		PK: PNP NO(常开) 3线/line PB: PNP NC(常闭) 3线/line
圆柱直径 Cylinder diameter	01 1MM 08 8MM		AK: AC NO(常开) 2线/line
	02 2MM 10 10MM		AB: AC NC(常闭) 2线/line
	04 4MM 15 15MM		LK: DC NO(常开) 2线/line
	05 5MM		LB: DC NC(常闭) 2线/line
		08 8MM	
		12 12MM	
		18 18MM	
		30 30MM	

检测物体 Test object	金属物体 Metal objects		
电流规格 Current specifications	200MA		
外壳材质 shell material	黄铜镀镍 螺纹式外壳 Brass nickel-plated threaded housing		
工作电源 Power supply	10-30VDC 90-250VAC		
导线长度 Wire length	1.8M(米)	螺纹直径 Thread diameter	M18X1
重量 weight	1PCS/0.093KG 10PCS/1盒(box) 1KG		



选型指南 规格说明

Selection Guide Specification

输出模式 Output mode		埋入式 Embedded type	单价 unit price	非埋入式 The embedded type	单价 unit price
NPN 直流型 NPN DC type 10-30VDC 200MA	NO	BEM18-05-NK		BEM18-08-NK	
	NC	BEM18-05-NB		BEM18-08-NB	
PNP 直流型 PNP DC type 10-30VDC 200MA	NO	BEM18-05-PK		BEM18-08-PK	
	NC	BEM18-05-PB		BEM18-08-PB	
二线直流型 Two-wire DC type 10-36VDC 200MA	NO	BEM18-05-LK		BEM18-08-LK	
	NC	BEM18-05-LB		BEM18-08-LB	
二线交流型 Two-wire AC type 90-250VAC 400MA	NO	BEM18-05-AK		BEM18-08-AK	
	NC	BEM18-05-AB		BEM18-08-AB	
感应距离 Sensing distance		5mm±10%		8mm±10%	

圆柱形接近开关系列

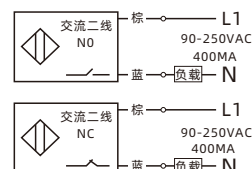
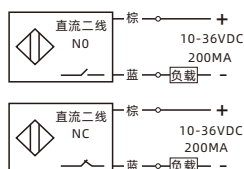
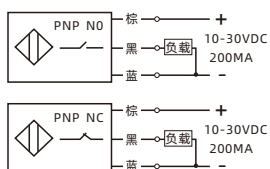
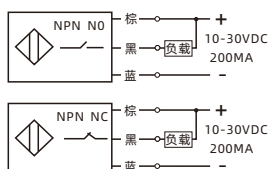
Cylindrical proximity switch series



BEM □□ - □□ - □□ 电感式接近开关/Inductive proximity switch

品牌型号 Brand model number	输出模式 Output mode		NK: NPN NO(常开) 3线/line
			NB: NPN NC(常闭) 3线/line
检测距离 Detection distance	01 1MM	08 8MM	PK: PNP NO(常开) 3线/line
	02 2MM	10 10MM	PB: PNP NC(常闭) 3线/line
圆柱直径 Cylinder diameter	04 4MM	15 15MM	AK: AC NO(常开) 2线/line
	05 5MM		AB: AC NC(常闭) 2线/line
			LK: DC NO(常开) 2线/line
			LB: DC NC(常闭) 2线/line

检测物体 Test object	金属物体 Metal objects		
电流规格 Current specifications	200MA		
外壳材质 shell material	黄铜镀镍 螺纹式外壳 Brass nickel-plated threaded housing		
工作电源 Power supply	10-30VDC 90-250VAC		
导线长度 Wire length	1.8M(米)	螺纹直径 Thread diameter	M30X1
重量 weight	1PCS/0.186KG 10PCS/1盒(box) 1.953KG		



选型指南 规格说明

Selection Guide Specification

输出模式 Output mode		埋入式 Embedded type	单价 unit price	非埋入式 The embedded type	单价 unit price
NPN 直流型 NPN DC type 10-30VDC 200MA	NO	BEM30-10-NK		BEM30-15-NK	
	NC	BEM30-10-NB		BEM30-15-NB	
PNP 直流型 PNP DC type 10-30VDC 200MA	NO	BEM30-10-PK		BEM30-15-PK	
	NC	BEM30-10-PB		BEM30-15-PB	
二线直流型 Two-wire DC type 10-36VDC 200MA	NO	BEM30-10-LK		BEM30-15-LK	
	NC	BEM30-10-LB		BEM30-15-LB	
二线交流型 Two-wire AC type 90-250VAC 400MA	NO	BEM30-10-AK		BEM30-15-AK	
	NC	BEM30-10-AB		BEM30-15-AB	
感应距离 Sensing distance		10mm±10%		15mm±10%	

圆柱形接近开关系列

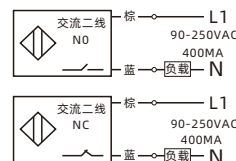
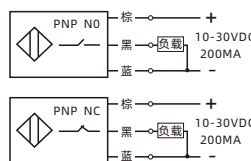
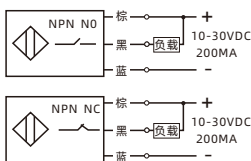
Cylindrical proximity switch series



PR □□ - □ □□□ 电感式接近开关/Inductive proximity switch

品牌型号 Brand model number	输出模式 Output mode	检测距离 Detection distance	圆柱直径 Cylinder diameter	DN: NPN NO(常开) 3线/line DN 2: NPN NC(常闭) 3线/line DP: PNP NO(常开) 3线/line DP 2: PNP NC(常闭) 3线/line AO: AC NO(常开) 2线/line AC: AC NC(常闭) 2线/line
		1.5 1.5MM 8 8MM 2 2MM 10 10MM 4 4MM 15 15MM 5 5MM	08 8MM 12 12MM 18 18MM 30 30MM	

检测物体 Test object	金属物体 Metal objects		
电流规格 Current specifications	200MA		
外壳材质 shell material	黄铜镀镍 螺纹式外壳 Brass nickel-plated threaded housing		
工作电源 Power supply	10-30VDC 90-250VAC		
导线长度 Wire length	1.5M(米)	螺纹直径 Thread diameter	M8X1
重量 weight	1PCS/0.042KG	10PCS/1盒(box) 0.498KG	



选型指南 规格说明

Selection Guide Specification

输出模式 Output mode		埋入式 Embedded type	单价 unit price	非埋入式 The embedded type	单价 unit price
NPN 直流型 NPN DC type 10-30VDC 200MA	NO	PR08-1.5DN		PR08-2DN	
	NC	PR08-1.5DN2		PR08-2DN2	
PNP 直流型 PNP DC type 10-30VDC 200MA	NO	PR08-1.5DP		PR08-2DP	
	NC	PR08-1.5DP2		PR08-2DP2	
二线交流型 Two-wire AC type 90-250VAC 400MA	NO	PR08-1.5AO		PR08-2AO	
	NC	PR08-1.5AC		PR08-2AC	
感应距离 Sensing distance		1.5mm±10%		2mm±10%	

圆柱形接近开关系列

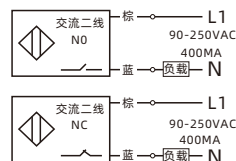
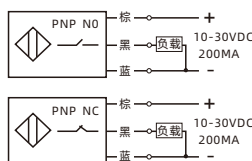
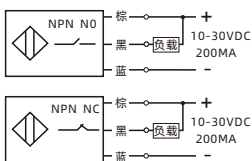
Cylindrical proximity switch series



PR □□ - □ □□□ 电感式接近开关/Inductive proximity switch

品牌型号 Brand model number	输出模式 Output mode		DN: NPN NO(常开) 3线/line DN 2: NPN NC(常闭) 3线/line
	检测距离 Detection distance		DP: PNP NO(常开) 3线/line DP 2: PNP NC(常闭) 3线/line
	圆柱直径 Cylinder diameter		AO: AC NO(常开) 2线/line AC: AC NC(常闭) 2线/line
	1.5 1.5MM 8 8MM 2 2MM 10 10MM 4 4MM 15 15MM 5 5MM		
	08 8MM 12 12MM 18 18MM 30 30MM		

检测物体 Test object	金属物体 Metal objects		
电流规格 Current specifications	200MA		
外壳材质 shell material	黄铜镀镍 螺纹式外壳 Brass nickel-plated threaded housing		
工作电源 Power supply	10-30VDC 90-250VAC		
导线长度 Wire length	1.5M(米)	螺纹直径 Thread diameter	M12X1
重量 weight	1PCS/0.050KG	10PCS/1盒(box) 0.577KG	



选型指南 规格说明

Selection Guide Specification

输出模式 Output mode		埋入式 Embedded type	单价 unit price	非埋入式 The embedded type	单价 unit price
NPN 直流型 NPN DC type 10-30VDC 200MA	NO	PR12-2DN		PR12-4DN	
	NC	PR12-2DN2		PR12-4DN2	
PNP 直流型 PNP DC type 10-30VDC 200MA	NO	PR12-2DP		PR12-4DP	
	NC	PR12-2DP2		PR12-4DP2	
二线交流型 Two-wire AC type 90-250VAC 400MA	NO	PR12-2AO		PR12-4AO	
	NC	PR12-2AC		PR12-4AC	
感应距离 Sensing distance		2mm±10%		4mm±10%	

圆柱形接近开关系列

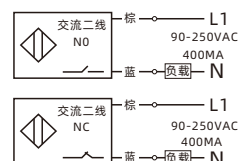
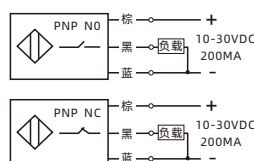
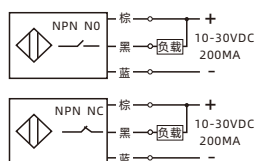
Cylindrical proximity switch series



PR □□ - □ □□□ 电感式接近开关/Inductive proximity switch

品牌型号 Brand model number	输出模式 Output mode	检测距离 Detection distance		圆柱直径 Cylinder diameter		DN: NPN NO(常开) 3线/line DN 2: NPN NC(常闭) 3线/line DP: PNP NO(常开) 3线/line DP 2: PNP NC(常闭) 3线/line AO: AC NO(常开) 2线/line AC: AC NC(常闭) 2线/line
		1.5	1.5MM	8	8MM	
		2	2MM	10	10MM	
		4	4MM	15	15MM	
		5	5MM			
				08	8MM	
				12	12MM	
				18	18MM	
				30	30MM	

检测物体 Test object	金属物体 Metal objects		
电流规格 Current specifications	200MA		
外壳材质 shell material	黄铜镀镍 螺纹式外壳 Brass nickel-plated threaded housing		
工作电源 Power supply	10-30VDC 90-250VAC		
导线长度 Wire length	1.5M(米)	螺纹直径 Thread diameter	M18X1
重量 weight	1PCS/0.082KG	10PCS/1盒(box) 0.888KG	



选型指南 规格说明

Selection Guide Specification

输出模式 Output mode		埋入式 Embedded type	单价 unit price	非埋入式 The embedded type	单价 unit price
NPN 直流型 NPN DC type 10-30VDC 200MA	NO	PR18-5DN		PR18-8DN	
	NC	PR18-5DN2		PR18-8DN2	
PNP 直流型 PNP DC type 10-30VDC 200MA	NO	PR18-5DP		PR18-8DP	
	NC	PR18-5DP2		PR18-8DP2	
二线交流型 Two-wire AC type 90-250VAC 400MA	NO	PR18-5AO		PR18-8AO	
	NC	PR18-5AC		PR18-8AC	
感应距离 Sensing distance		5mm±10%		8mm±10%	

圆柱形接近开关系列

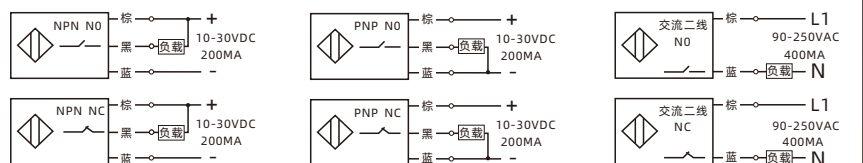
Cylindrical proximity switch series



PR □□ - □ □□□ 电感式接近开关/Inductive proximity switch

品牌型号 Brand model number	输出模式 Output mode	检测距离 Detection distance	圆柱直径 Cylinder diameter	DN: NPN NO(常开) 3线/line DN 2: NPN NC(常闭) 3线/line DP: PNP NO(常开) 3线/line DP 2: PNP NC(常闭) 3线/line AO: AC NO(常开) 2线/line AC: AC NC(常闭) 2线/line
		1.5 1.5MM 8 8MM 2 2MM 10 10MM 4 4MM 15 15MM 5 5MM	08 8MM 12 12MM 18 18MM 30 30MM	

检测物体 Test object	金属物体 Metal objects		
电流规格 Current specifications	200MA		
外壳材质 shell material	黄铜镀镍 螺纹式外壳 Brass nickel-plated threaded housing		
工作电源 Power supply	10-30VDC 90-250VAC		
导线长度 Wire length	1.5M(米)	螺纹直径 Thread diameter	M30X1
重量 weight	1PCS/0.150KG 10PCS/1盒(box) 1.592KG		



选型指南 规格说明

Selection Guide Specification

输出模式 Output mode		埋入式 Embedded type	单价 unit price	非埋入式 The embedded type	单价 unit price
NPN 直流型 NPN DC type 10-30VDC 200MA	NO	PR30-10DN		PR30-15DN	
	NC	PR30-10DN2		PR30-15DN2	
PNP 直流型 PNP DC type 10-30VDC 200MA	NO	PR30-10DP		PR30-15DP	
	NC	PR30-10DP2		PR30-15DP2	
二线交流型 Two-wire AC type 90-250VAC 400MA	NO	PR30-10AO		PR30-15AO	
	NC	PR30-10AC		PR30-15AC	
感应距离 Sensing distance		10mm±10%		15mm±10%	

圆柱形接近开关系列

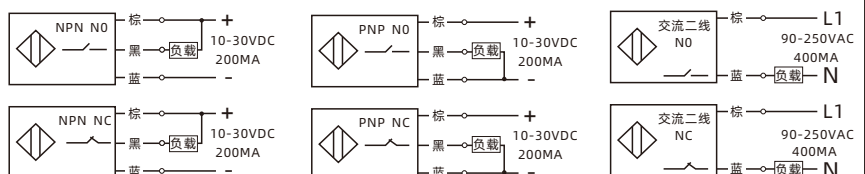
Cylindrical proximity switch series



PRL □□ - □ □□□ 电感式接近开关/Inductive proximity switch

品牌型号 Brand model number	输出模式 Output mode	DN: NPN NO(常开) 3线/line
		DN 2: NPN NC(常闭) 3线/line
检测距离 Detection distance	1.5 1.5MM 8 8MM	DP: PNP NO(常开) 3线/line
		DP 2: PNP NC(常闭) 3线/line
圆柱直径 Cylinder diameter	2 2MM 10 10MM	AO: AC NO(常开) 2线/line
		AC: AC NC(常闭) 2线/line
	4 4MM 15 15MM	
	5 5MM	
	08 8MM	
	12 12MM	
	18 18MM	
	30 30MM	

检测物体 Test object	金属物体 Metal objects		
电流规格 Current specifications	200MA		
外壳材质 shell material	黄铜镀镍 螺纹式外壳 Brass nickel-plated threaded housing		
工作电源 Power supply	10-30VDC 90-250VAC		
导线长度 Wire length	1.5M(米)	螺纹直径 Thread diameter	M8X1
重量 weight	1PCS/0.048KG	10PCS/1盒(box) 0.560KG	



选型指南 规格说明

Selection Guide Specification

输出模式 Output mode		埋入式 Embedded type	单价 unit price	非埋入式 The embedded type	单价 unit price
NPN 直流型 NPN DC type 10-30VDC 200MA	NO	PRL08-1.5DN		PRL08-2DN	
	NC	PRL08-1.5DN2		PRL08-2DN2	
PNP 直流型 PNP DC type 10-30VDC 200MA	NO	PRL08-1.5DP		PRL08-2DP	
	NC	PRL08-1.5DP2		PRL08-2DP2	
二线交流型 Two-wire AC type 90-250VAC 400MA	NO	PRL08-1.5AO		PRL08-2AO	
	NC	PRL08-1.5AC		PRL08-2AC	
感应距离 Sensing distance		1.5mm±10%		2mm±10%	

圆柱形接近开关系列

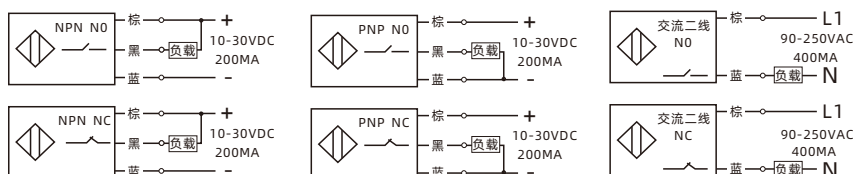
Cylindrical proximity switch series



PRL □□ - □ □□□ 电感式接近开关/Inductive proximity switch

品牌型号 Brand model number	输出模式 Output mode	DN: NPN NO(常开) 3线/line
		DN 2: NPN NC(常闭) 3线/line
检测距离 Detection distance	1.5 1.5MM 8 8MM	DP: PNP NO(常开) 3线/line
		DP 2: PNP NC(常闭) 3线/line
圆柱直径 Cylinder diameter	2 2MM 10 10MM	AO: AC NO(常开) 2线/line
		AC: AC NC(常闭) 2线/line
	4 4MM 15 15MM	
	5 5MM	
	08 8MM	
	12 12MM	
	18 18MM	
	30 30MM	

检测物体 Test object	金属物体 Metal objects		
电流规格 Current specifications	200MA		
外壳材质 shell material	黄铜镀镍 螺纹式外壳 Brass nickel-plated threaded housing		
工作电源 Power supply	10-30VDC 90-250VAC		
导线长度 Wire length	1.5M(米)	螺纹直径 Thread diameter	M12X1
重量 weight	1PCS/0.048KG	10PCS/1盒(box) 0.560KG	



选型指南 规格说明

Selection Guide Specification

输出模式 Output mode		埋入式 Embedded type	单价 unit price	非埋入式 The embedded type	单价 unit price
NPN 直流型 NPN DC type 10-30VDC 200MA	NO	PRL12-2DN		PRL12-4DN	
	NC	PRL12-2DN2		PRL12-4DN2	
PNP 直流型 PNP DC type 10-30VDC 200MA	NO	PRL12-2DP		PRL12-4DP	
	NC	PRL12-2DP2		PRL12-4DP2	
二线交流型 Two-wire AC type 90-250VAC 400MA	NO	PRL12-2AO		PRL12-4AO	
	NC	PRL12-2AC		PRL12-4AC	
感应距离 Sensing distance		2mm±10%		4mm±10%	

圆柱形接近开关系列

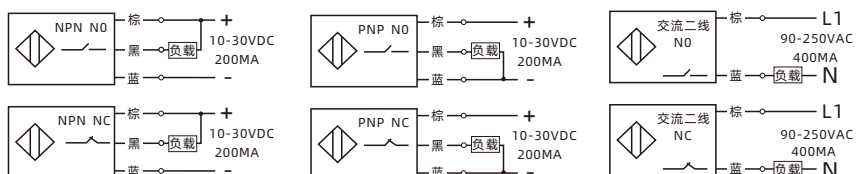
Cylindrical proximity switch series



PRL □□ - □ □□□ 电感式接近开关/Inductive proximity switch

品牌型号 Brand model number	输出模式 Output mode		DN: NPN NO(常开) 3线/line
			DN 2: NPN NC(常闭) 3线/line
检测距离 Detection distance			DP: PNP NO(常开) 3线/line
			DP 2: PNP NC(常闭) 3线/line
圆柱直径 Cylinder diameter			AO: AC NO(常开) 2线/line
			AC: AC NC(常闭) 2线/line
		1.5 1.5MM 8 8MM	
		2 2MM 10 10MM	
		4 4MM 15 15MM	
		5 5MM	
		08 8MM	
		12 12MM	
		18 18MM	
		30 30MM	

检测物体 Test object	金属物体 Metal objects		
电流规格 Current specifications	200MA		
外壳材质 shell material	黄铜镀镍 螺纹式外壳 Brass nickel-plated threaded housing		
工作电源 Power supply	10-30VDC 90-250VAC		
导线长度 Wire length	1.5M(米)	螺纹直径 Thread diameter	M18X1
重量 weight	1PCS/0.102KG	10PCS/1盒(box) 1.089KG	



选型指南 规格说明

Selection Guide Specification

输出模式 Output mode		埋入式 Embedded type	单价 unit price	非埋入式 The embedded type	单价 unit price
NPN 直流型 NPN DC type 10-30VDC 200MA	NO	PRL18-5DN		PRL18-8DN	
	NC	PRL18-5DN2		PRL18-8DN2	
PNP 直流型 PNP DC type 10-30VDC 200MA	NO	PRL18-5DP		PRL18-8DP	
	NC	PRL18-5DP2		PRL18-8DP2	
二线交流型 Two-wire AC type 90-250VAC 400MA	NO	PRL18-5AO		PRL18-8AO	
	NC	PRL18-5AC		PRL18-8AC	
感应距离 Sensing distance		5mm±10%		10mm±10%	

圆柱形接近开关系列

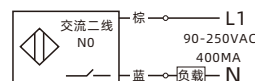
Cylindrical proximity switch series



PRL □□ - □ □□□ 电感式接近开关/Inductive proximity switch

品牌型号 Brand model number	输出模式 Output mode		DN: NPN NO(常开) 3线/line
			DN 2: NPN NC(常闭) 3线/line
检测距离 Detection distance			DP: PNP NO(常开) 3线/line
			DP 2: PNP NC(常闭) 3线/line
圆柱直径 Cylinder diameter			AO: AC NO(常开) 2线/line
			AC: AC NC(常闭) 2线/line
		1.5 1.5MM 8 8MM	
		2 2MM 10 10MM	
		4 4MM 15 15MM	
		5 5MM	
		08 8MM	
		12 12MM	
		18 18MM	
		30 30MM	

检测物体 Test object	金属物体 Metal objects		
电流规格 Current specifications	200MA		
外壳材质 shell material	黄铜镀镍 螺纹式外壳 Brass nickel-plated threaded housing		
工作电源 Power supply	10-30VDC 90-250VAC		
导线长度 Wire length	1.5M(米)	螺纹直径 Thread diameter	M30X1
重量 weight	1PCS/0.181KG	10PCS/1盒(box) 0.1.939KG	



选型指南 规格说明

Selection Guide Specification

输出模式 Output mode		埋入式 Embedded type	单价 unit price	非埋入式 The embedded type	单价 unit price
NPN 直流型 NPN DC type 10-30VDC 200MA	NO	PRL30-10DN		PRL30-15DN	
	NC	PRL30-10DN2		PRL30-15DN2	
PNP 直流型 PNP DC type 10-30VDC 200MA	NO	PRL30-10DP		PRL30-15DP	
	NC	PRL30-10DP2		PRL30-15DP2	
二线交流型 Two-wire AC type 90-250VAC 400MA	NO	PRL30-10AO		PRL30-15AO	
	NC	PRL30-10AC		PRL30-15AC	
感应距离 Sensing distance		10mm±10%		15mm±10%	

圆柱形接近开关系列

Cylindrical proximity switch series



E2E-□□□□

电感式圆柱型/Inductive Cylindrical

输出方式
Output way

C1: NPN NO 3线/line
B1: PNP NO 3线/line
C2: NPN NC 3线/line

检测距离
Detection distance

1 1MM

品牌型号
Brand model number

圆柱直径 Cylinder diameter	5MM	检测物体 Test object	金属物体 Metal objects
外壳材质 shell material	金属 metal		
引线长度 Lead length	2M(米)		
工作电源 Power supply	10-30VDC		
重量 weight	1PCS/0.028KG	10PCS/1盒(box) 0.358KG	
产品型号 Product number	E2E-X1C1	E2E-X1B1	
单价 unit price			
产品型号 Product number	E2E-X1C2		
单价 unit price			

方形接近开关系列

Square proximity switch series



SN□□ - □□ 品牌型号 Brand model number 检测距离 Detection distance 输出方式 Output way		N : NPN NO(常开) 3线/line N2: NPN NC(常闭) 3线/line P : PNP NO(常开) 3线/line P2: PNP NC(常闭) 3线/line Y : AC NO(常开) 2线/line Y2: AC NC(常闭) 2线/line	
		04 4MM	08 8MM
检测物体	金属物体	响应时间	2mS
Test object	Metal objects	Response time	
电流规格	300MA	外壳材质	ABS
Current specifications		shell material	
工作电源	10-30VDC 90-250VAC	引线长度	1.8M(米)
Power supply		Lead length	
重量	1PCS/0.057KG 10PCS/1盒(box) 0.648KG		
weight			
		输出模式	产品型号
		Output mode	Product number
NPN 直流型 NPN DC type 10-30VDC 300MA		NO	SN04-N
		NC	SN04-N2
		NO	SN08-N
PNP 直流型 PNP DC type 10-30VDC 300MA		NO	SN04-P
		NC	SN04-P2
二线交流型 Two-wire AC type 90-250VAC 300MA		NO	SN04-Y
		NC	SN04-Y2

交流二线
NO

棕

—

○

L1

90-250VAC

400MA

蓝

—

○

N

交流二线
NC

棕

—

○

L1

90-250VAC

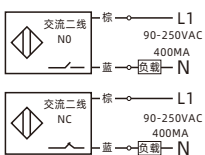
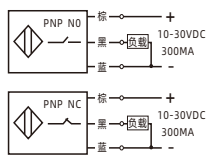
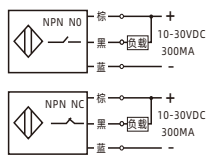
400MA

蓝

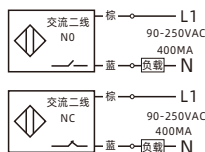
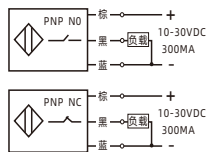
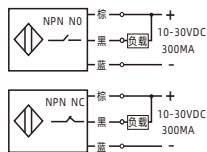
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N



TL-Q □ M □□		电感式方型/Inductive Square		
品牌型号 Brand model number	检测距离 Detection distance	输出方式 Output way	C1: NPN NO(常开) 3线/line	
			C2: NPN NC(常闭) 3线/line	
			B1: PNP NO(常开) 3线/line	
			B2: PNP NC(常闭) 3线/line	
			Y1: AC NO(常开) 2线/line	
			Y2: AC NC(常闭) 2线/line	
	5 5MM			
检测物体 Test object	金属物体 Metal objects	响应时间 Response time	2mS	
电流规格 Current specifications	300MA	外壳材质 shell material	ABS	
工作电源 Power supply	10-30VDC 90-250VAC	引线长度 Lead length	1.8M(米)	
重量 weight	1PCS/0.057KG 10PCS/1盒(box) 0.638KG			
交流二线 NO 棕 — 蓝 90-250VAC 400MA 蓝 — 棕 蓝 — 蓝 棕 — 蓝 交流二线 NC 棕 — 蓝 90-250VAC 400MA 蓝 — 棕 蓝 — 蓝 棕 — 蓝	输出模式 Output mode		产品型号 Product number	单价 unit price
	NPN 直流型 NPN DC type 10-30VDC 300MA	NO	TL-Q5MC1	
		NC	TL-Q5MC2	
	PNP 直流型 PNP DC type 10-30VDC 300MA	NO	TL-Q5MB1	
		NC	TL-Q5MB2	
	二线交流型 Two-wire AC type 90-250VAC 300MA	NO	TL-Q5MY1	
		NC	TL-Q5MY2	
	感应距离 Sensing distance		5mm±10%	



方形接近开关系列

Square proximity switch series

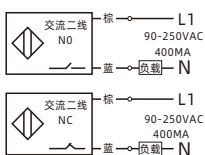
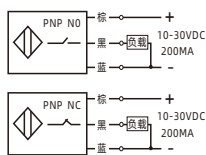
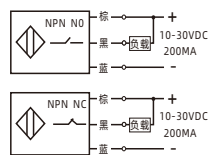


TL-N □ M □ □

电感式方型/Inductive Square

品牌型号 Brand model number	输出方式 Output way	E1: NPN NO(常开) 3线/line E2: NPN NC(常闭) 3线/line F1: PNP NO(常开) 3线/line F2: PNP NC(常闭) 3线/line Y1: AC NO(常开) 2线/line Y2: AC NC(常闭) 2线/line
检测距离 Detection distance	5 5MM 10 10MM 20 20MM	

检测物体 Test object	金属物体 Metal objects	响应时间 Response time	2mS
电流规格 Current specifications	200MA	外壳材质 shell material	ABS
工作电源 Power supply	10-30VDC 90-250VAC	引线长度 Lead length	1.5M(米)
重量 weight	1PCS/0.086KG 10PCS/1盒(box) 0.936KG		

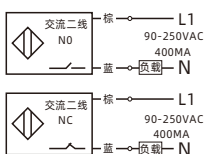
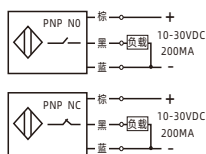
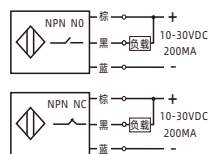


TL-N □ □ M □ □

电感式方型/Inductive Square

品牌型号 Brand model number	输出方式 Output way	E1: NPN NO(常开) 3线/line E2: NPN NC(常闭) 3线/line F1: PNP NO(常开) 3线/line F2: PNP NC(常闭) 3线/line Y1: AC NO(常开) 2线/line Y2: AC NC(常闭) 2线/line
检测距离 Detection distance	5 5MM 10 10MM 20 20MM	

检测物体 Test object	金属物体 Metal objects	响应时间 Response time	2mS
电流规格 Current specifications	200MA	外壳材质 shell material	ABS
工作电源 Power supply	10-30VDC 90-250VAC	引线长度 Lead length	1.5M(米)
重量 weight	1PCS/0.120KG 10PCS/1盒(box) 1.3KG		



输出模式 Output mode	产品型号 Product number	单价 unit price
NPN 直流型 NPN DC type 10-30VDC 200MA	NO	TL-N10ME1
	NC	TL-N10ME2
PNP 直流型 PNP DC type 10-30VDC 200MA	NO	TL-N10MF1
	NC	TL-N10MF2
二线交流型 Two-wire AC type 90-250VAC 400MA	NO	TL-N10MY1
	NC	TL-N10MY2
感应距离 Sensing distance	5mm±10%	

方形接近开关系列

Square proximity switch series

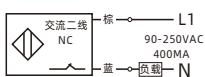
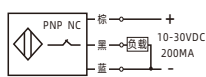
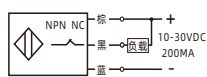
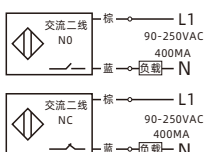
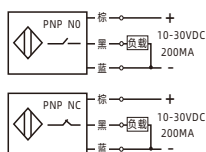
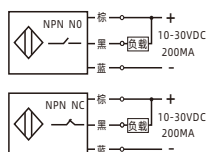


TL-N □□ M □□

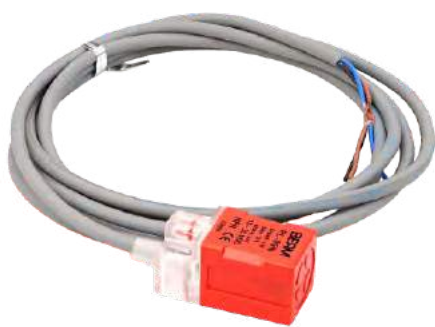
电感式方型/Inductive Square

品牌型号 Brand model number	检测距离 Detection distance	输出方式 Output way	E1: NPN NO(常开) 3线/line E2: NPN NC(常闭) 3线/line F1: PNP NO(常开) 3线/line F2: PNP NC(常闭) 3线/line Y1: AC NO(常开) 2线/line Y2: AC NC(常闭) 2线/line
	5 5MM 10 10MM 20 20MM		

检测物体 Test object	金属物体 Metal objects	响应时间 Response time	2mS
电流规格 Current specifications	200MA	外壳材质 shell material	ABS
工作电源 Power supply	10-30VDC 90-250VAC	引线长度 Lead length	1.5M(米)
重量 weight	1PCS/0.177KG 5PCS/1盒(box) 0.973KG		



输出模式 Output mode	产品型号 Product number	单价 unit price
NPN 直流型 NPN DC type 10-30VDC 200MA	NO	TL-N20ME1
	NC	TL-N20ME2
PNP 直流型 PNP DC type 10-30VDC 200MA	NO	TL-N20MF1
	NC	TL-N20MF2
二线交流型 Two-wire AC type 90-250VAC 400MA	NO	TL-N20MY1
	NC	TL-N20MY2
感应距离 Sensing distance	20mm±10%	

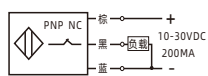
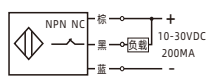
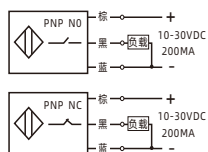
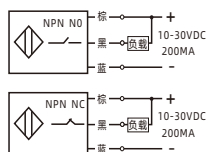


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电感式方型/Inductive Square

品牌型号 Brand model number	检测距离 Detection distance	输出方式 Output way	N: NPN NO(常开) 3线/line NB: NPN NC(常闭) 3线/line P: PNP NO(常开) 3线/line PB: PNP NC(常闭) 3线/line
	05 5MM		

检测物体 Test object	金属物体 Metal objects	响应时间 Response time	2mS
电流规格 Current specifications	300MA	外壳材质 shell material	ABS
工作电源 Power supply	10-30VDC 90-250VAC	引线长度 Lead length	1.5M(米)
重量 weight	1PCS/0.048KG 10PCS/1盒(box) 0.564KG		



输出模式 Output mode	产品型号 Product number	单价 unit price
NPN 直流型 NPN DC type 10-30VDC 300MA	NO	PL-05N
	NC	PL-05NB
PNP 直流型 PNP DC type 10-30VDC 300MA	NO	PL-05P
	NC	PL-05PB
感应距离 Sensing distance	5mm±10%	

方形接近开关系列

Square proximity switch series



PS- □□□

品牌型号

Brand model number

电感式方型/Inductive Square

输出方式

Output way

检测距离

Detection distance

10 5MM

N: NPN NO(常开) 3线/line

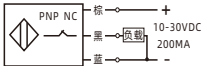
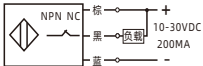
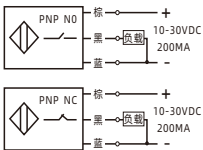
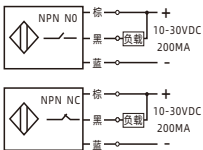
NB: NPN NC(常闭) 3线/line

P: PNP NO(常开) 3线/line

PB: PNP NC(常闭) 3线/line

检测物体	金属物体	响应时间	2mS
电流规格	300MA	外壳材质	ABS
工作电源	10-30VDC 90-250VAC	引线长度	1.5M(米)
重量	1PCS/0.048KG 10PCS/1盒(box) 0.559KG		

输出模式		产品型号	单价
Output mode		Product number	unit price
NPN 直流型	NO	PS-05N	
	NC	PS-05NB	
PNP 直流型	NO	PS-05P	
	NC	PS-05PB	
感应距离		5mm±10%	
Sensing distance			



扁平形接近开关系列

Flat Proximity Switch Series

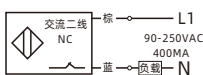
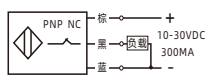
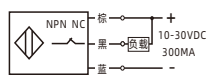
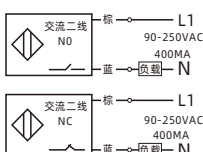
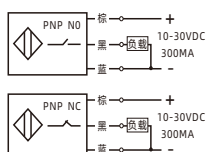
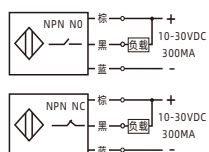


TL-W□M□□

电感式方型/Inductive Square

品牌型号 Brand model number	输出方式 Output way	C1: NPN NO(常开) 3线/line C2: NPN NC(常闭) 3线/line B1: PNP NO(常开) 3线/line B2: PNP NC(常闭) 3线/line Y1: AC NO(常开) 2线/line Y2: AC NC(常闭) 2线/line
检测距离 Detection distance	5 5MM	

检测物体 Test object	金属物体 Metal objects	响应时间 Response time	2mS
电流规格 Current specifications	300MA	外壳材质 shell material	ABS
工作电源 Power supply	10-30VDC 90-250VAC	引线长度 Lead length	1.8M(米)
重量 weight	1PCS/0.053KG 10PCS/1盒(box) 0.615KG		



输出模式 Output mode		产品型号 Product number	单价 unit price
NPN 直流型 NPN DC type 10-30VDC 300MA	NO	TL-W5MC1	
	NC	TL-W5MC2	
PNP 直流型 PNP DC type 10-30VDC 300MA	NO	TL-W5MB1	
	NC	TL-W5MB2	
二线交流型 Two-wire AC type 90-250VAC 400MA	NO	TL-W5MY1	
	NC	TL-W5MY2	
感应距离 Sensing distance		5mm±10%	

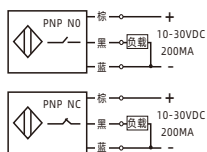
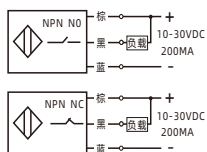


TL-W□M□□

电感式方型/Inductive Square

品牌型号 Brand model number	输出方式 Output way	C1: NPN NO(常开) 3线/line C2: NPN NC(常闭) 3线/line B1: PNP NO(常开) 3线/line B2: PNP NC(常闭) 3线/line
检测距离 Detection distance	3 3MM	

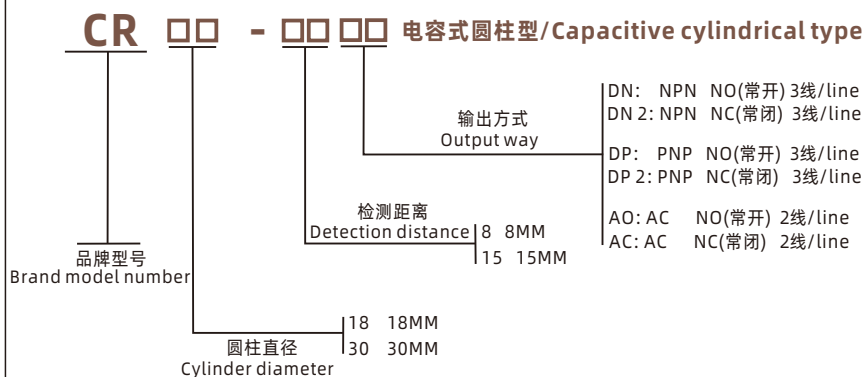
检测物体 Test object	金属物体 Metal objects	响应时间 Response time	2mS
电流规格 Current specifications	200MA	外壳材质 shell material	ABS
工作电源 Power supply	10-30VDC 90-250VAC	引线长度 Lead length	1.8M(米)
重量 weight	1PCS/0.026KG 10PCS/1盒(box) 0.337KG		



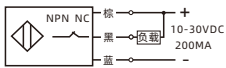
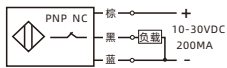
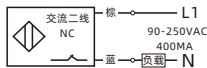
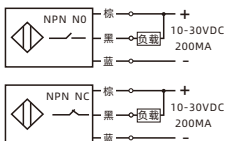
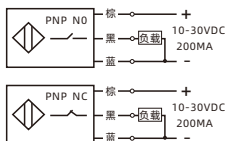
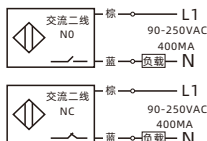
输出模式 Output mode		产品型号 Product number	单价 unit price
NPN 直流型 NPN DC type 10-30VDC 200MA	NO	TL-W3MC1	
	NC	TL-W3MC2	
PNP 直流型 PNP DC type 10-30VDC 200MA	NO	TL-W3MB1	
	NC	TL-W3MB2	
感应距离 Sensing distance		3mm±10%	

电容式接近开关系列

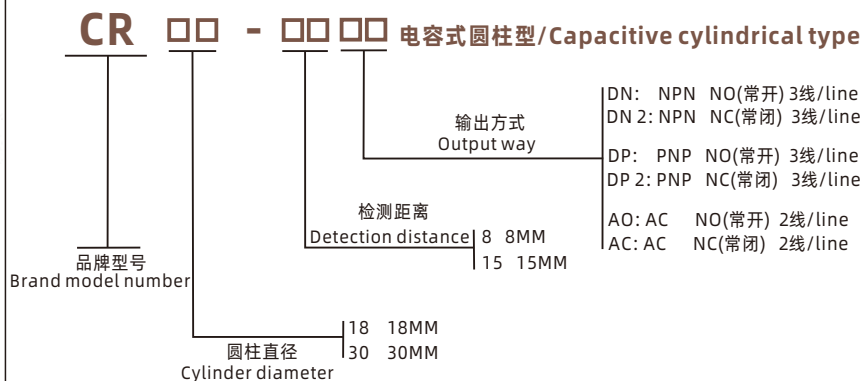
Capacitive proximity switch series



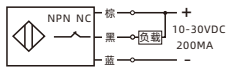
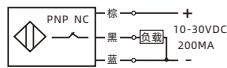
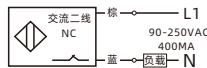
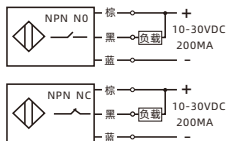
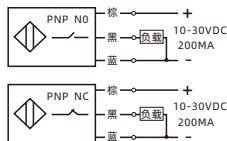
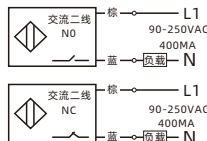
检测物体 Test object	金属 水 塑料 纸张 木料	引线长度 Lead length	1.5M(米)
工作电源 Power supply	10-30VDC 90-250VAC		
重量 weight	1PCS/0.082KG 10PCS/1盒(box) 0.892KG		



输出模式 Output mode	产品型号 Product number	单价 unit price
NPN 直流型 NPN DC type 10-30VDC 200MA	NO	CR18-8DN
	NC	CR18-8DN2
PNP 直流型 PNP DC type 10-30VDC 200MA	NO	CR18-8DP
	NC	CR18-8DP2
二线交流型 Two-wire AC type 90-250VAC 400MA	NO	CR18-8AO
	NC	CR18-8AC



检测物体 Test object	金属 水 塑料 纸张 木料	引线长度 Lead length	1.5M(米)
工作电源 Power supply	10-30VDC 90-250VAC		
重量 weight	1PCS/0.200KG 10PCS/1盒(box) 2.073KG		



输出模式 Output mode	产品型号 Product number	单价 unit price
NPN 直流型 NPN DC type 10-30VDC 200MA	NO	CR30-15DN
	NC	CR30-15DN2
PNP 直流型 PNP DC type 10-30VDC 200MA	NO	CR30-15DP
	NC	CR30-15DP2
二线交流型 Two-wire AC type 90-250VAC 400MA	NO	CR30-15AO
	NC	CR30-15AC

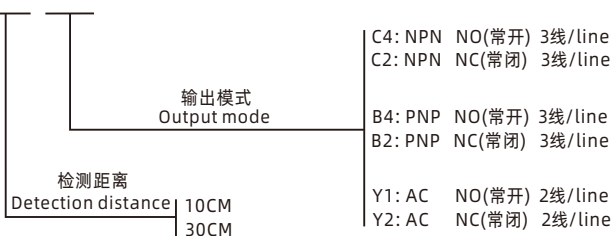
漫反射式开关系列

Diffuse reflection switch series

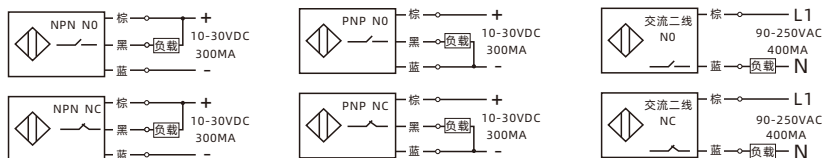


E3F-DS □□ □□

漫反射式开关/Diffuse reflection switch



检测物体 Test object	透明、不透明体 Transparent, opaque body		
电流规格 Current specifications	300MA		
响应时间 Response time	功能复位时间均在2.5MS以下 The function reset time is below 2.5MS		
外壳材质 shell material	耐热ABS聚合物 Heat-resistant ABS polymer	螺纹直径 Thread diameter	M18
工作电源 Power supply	6-36VDC 90-250VAC	防护等线 Protection level	IP 61- IP 67
导线长度 Wire length	1.5M(米)	工作环境 working environment	-40~+70℃
重量 weight	1PCS/0.072KG 10PCS/1盒(box) 0.801KG		



选型指南 规格说明

Selection Guide Specification

输出模式 Output mode		型号 Model number	单价 unit price	型号 Model number	单价 unit price
NPN 直流型 NPN DC type 10-30VDC 300MA	NO	E3F-DS10C4		E3F-DS30C4	
	NC	E3F-DS10C2		E3F-DS30C2	
PNP 直流型 PNP DC type 10-36VDC 300MA	NO	E3F-DS10B4		E3F-DS30B4	
	NC	E3F-DS10B2		E3F-DS30B2	
二线交流型 Two-wire AC type 90-250VAC 400MA	NO	E3F-DS10Y1		E3F-DS30Y1	
	NC	E3F-DS10Y2		E3F-DS30Y2	
感应距离 Sensing distance		10cm±10%		30cm±10%	

漫反射式开关系列

Diffuse reflection switch series



CDD- □□N

慢反射光电开关

Slow reflection photoelectric switch

品牌型号
Brand model number

输出方式
Output way

11: NPN NO+NC 4线/line
40: NPN NO+NC 4线/line

检测距离
Detection distance

11N: 10CM
40N: 40CM

白线跟蓝线短接 接负极 黑线变常闭
The white wire is shorted to the blue wire, then the negative wire is connected, and the black wire becomes normally closed.



直径 diameter	18MM			
探测方式 Detection method	漫反射型 Diffuse reflection type	材质 Material	外壳:金属 镜头:丙烯酸 Housing: Metal lens: Acrylic acid	
检测物体 Test object	半透明/不透明体 Translucent/opaque body	引线长度 Lead length	1.5M(米)	
工作电源 Power supply	12-24VDC	响应时间 Response time	2MS 以下 2MS the following	
重量 weight	1PCS/0.072KG 10PCS/1盒(box) 0.801KG			
输出模式 Output mode		型号 Model number	感应距离 Sensing distance	单价 unit price
NPN 12-24VDC 200MA	NO+NC	CDD-11N	10CM	
	NO+NC	CDD-40N	40CM	



BEM □□-DS □□ □□

慢反射光电开关

Slow reflection photoelectric switch

品牌型号
Brand model number

输出方式
Output way

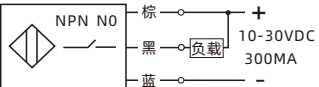
NK: NPN NO 3线/line

检测距离
Detection distance

15: 150MM

直径
diameter

12 : 12MM



探测方式 Detection method	漫反射型 Diffuse reflection type	材质 Material	外壳:金属 镜头:丙烯酸 Case: Metal Lens: Acrylic acid
检测物体 Test object	半透明/不透明体 Translucent/opaque body	引线长度 Lead length	1.8M(米)
工作电源 Power supply	10-30VDC	响应时间 Response time	2MS 以下 2MS the following
重量 weight	1PCS/0.049KG 10PCS/1盒(box) 0.569KG		
产品型号 Product number	BEM12-DS15NK		
单价 unit price			
产品型号 Product number			
单价 unit price			

红外线光电开关系列
 Infrared photoelectric switch series



慢反射光电开关

Slow reflection photoelectric switch

BR

□□□

-□□□

-□

品牌型号

检测距离

输出方式

输出方式

Brand model number

Detection distance

DDT-P: PNP NO+NC 4线/line

DDT: NPN NO+NC 4线/line

100 : 100MM

400 : 400MM

白线跟蓝线短接 接负极 黑线变常闭
 The white wire is shorted to the blue wire, then the negative wire is connected, and the black wire becomes normally closed.

直径 diameter	18MM			
探测方式 Detection method	漫反射型 Diffuse reflection type	材质 Material	外壳:金属 镜头:丙烯酸 Case: Metal Lens: Acrylic acid	
检测物体 Test object	半透明/不透明体 Translucent/opaque body	引线长度 Lead length	1.5M(米)	
工作电源 Power supply	12-24VDC	响应时间 Response time	2MS 以下 2MS the following	
重量 weight	1PCS/0.105KG 10PCS/1盒(box) 0.1.145KG			
输出模式 Output mode	型号 Model number	单价 unit price	型号 Model number	单价 unit price
NPN 12-24VDC 300MA	NO+NC	BR100-DDT	BR400-DDT	
PNP 12-24VDC 300MA	NO+NC	BR100-DDT-P	BR400-DDT-P	
感应距离 Sensing distance	10CM		40CM	

常开

BN 棕

BK 黑

NO WH 白

BU 蓝

NO(负载)

12to24VDC

200MA

常闭

BN 棕

BK 黑

NC WH 白

BU 蓝

NC(负载)

12to24VDC

200MA

漫反射式开关系列

Diffuse reflection switch series



E3JK-DS □□ □□

慢反射光电开关

Slow reflection photoelectric switch

品牌型号
Brand model number

输出方式
Output way

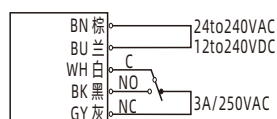
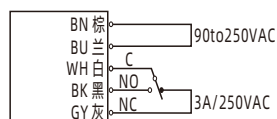
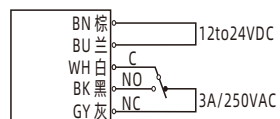
检测距离
Detection distance

30 30MM

M1: 通电后, 感应到常开变常闭
After power on, it senses that normally open becomes normally closed

M2: 通电后, 常开变常闭
感应到 常闭变回常开
After energizing, the normally open becomes normally closed, and it is sensed that normally closed changes back to normally open

输出方式 Output way	继电器输出 (开/闭) Relay output (open/close)		
检测物体 Test object	半透明/不透明体 Translucent/opaque body		
响应时间 Response time	Max.20ms	光接收元件 Light receiving element	内置受光IC Built-in light-receiving IC
震动 vibration	抗震动 Anti-vibration	振幅1.5mm 频率10~55Hz X, Y, Z 各方向两小时 Amplitude 1.5mm, frequency 10~55Hz X, Y, Z direction each for two hours	
	误动作 misoperation	(周期一分钟) 振幅1.5mm 频率10~55Hz X, Y, Z 各方向十分钟 (Period one minute) Amplitude 1.5mm, Frequency 10~55Hz X, Y, Z each direction for ten minutes	
冲击 impact	抗冲击 Impact resistant	500m/S ² (50G) X, Y, Z 各方向3次 500m/S ² (50G) 3 times in each direction of X, Y, Z	
	误动作 misoperation	100m/S ² (10G) X, Y, Z 各方向3次 100m/S ² (10G) X, Y, Z direction 3 times each	
机械寿命 Mechanical life	50000000	电气寿命 Electrical life	100000
电流 electric current	250VAC/3A	防护等级 Protection level	IP 65
导线长度 Wire length	2M(米)	工作环境 working environment	-20~+65℃
材质 Material	外壳:ABS 镜头:丙烯酸 Housing: ABS Lens: Acrylic acid		
重量 weight	1PCS/0.072KG	75PCS/1箱(box)	



选型指南 规格说明

Selection Guide Specification

电源 power supply	输出模式 Output mode	型号 Model number	单价 unit price	型号 Model number	单价 unit price
12~24VDC	NO+NC	E3JK-DS30M1		E3JK-DS30M2	
90~250VAC	NO+NC	E3JK-DS30M1		E3JK-DS30M2	
12~240VDC 24~240VAC	NO+NC	E3JK-DS30M1		E3JK-DS30M2	
感应距离 Sensing distance		30CM		30CM	

镜面反射型系列

Mirror reflection type series



E3JK-R		□ □ □		镜面反射型/Specular reflection type	
品牌型号 Brand model number		输出方式 Output way		M1: 通电后, 感应到常开变常闭 After power on, it senses that normally open becomes normally closed	
		检测距离 Detection distance		M2: 通电后, 常开变常闭 After energizing, the normally open becomes normally closed, and it is sensed that normally closed changes back to normally open	
		4 4M			
输出方式 Output way		继电器输出 (开/闭) Relay output (open/close)			
检测物体 Test object		Φ60mm 以上不透明体 The above opaque body			
响应时间 Response time		Max.20ms		光接收元件 Light receiving element	
				内置受光IC Built-in light-receiving IC	
震动 vibration	抗震动 Anti-vibration	振幅1.5mm 频率10~55Hz X, Y, Z 各方向两小时 Amplitude 1.5mm, frequency 10~55Hz X, Y, Z direction each for two hours			
	误动作 misoperation	(周期一分钟) 振幅1.5mm 频率10~55Hz X, Y, Z 各方向十分钟 (Period one minute) Amplitude 1.5mm, Frequency 10~55Hz X, Y, Z each direction for ten minutes			
冲击 impact	抗冲击 Impact resistant	500m/S²(50G) X, Y, Z 各方向3次 500m/S²(50G) 3 times in each direction of X, Y, Z			
	误动作 misoperation	100m/S²(10G) X, Y, Z 各方向3次 100m/S²(10G) X, Y, Z direction 3 times each			
机械寿命 Mechanical life		50000000		电气寿命 Electrical life	
				100000	
电流 electric current		250VAC/3A		防护等级 Protection level	
				IP 65	
导线长度 Wire length		2M(米)		工作环境 working environment	
				-20~+65℃	
材质 Material		外壳:ABS 镜头:丙烯酸 (反射镜面: PC) Housing: ABS Lens: Acrylic acid (Reflecting mirror: PC)			
重量 weight		1PCS/0.197KG		75PCS/1箱(box)	

BN 棕	12to24VDC
BU 兰	
WH 白	C
BK 黑	NO
GY 灰	NC
	3A/250VAC

BN 棕	90to250VAC
BU 兰	
WH 白	C
BK 黑	NO
GY 灰	NC
	3A/250VAC

BN 棕	24to240VAC
BU 兰	12to240VDC
WH 白	C
BK 黑	NO
GY 灰	NC
	3A/250VAC

选型指南 规格说明

Selection Guide Specification

电源	输出模式	型号	单价	型号	单价
power supply	Output mode	Model number	unit price	Model number	unit price
12~24VDC	NO+NC	E3JK-R4M1		E3JK-R4M2	
90~250VAC	NO+NC	E3JK-R4M1		E3JK-R4M2	
12~240VDC 24~240VAC	NO+NC	E3JK-R4M1		E3JK-R4M2	
感应距离		4M		4M	
Sensing distance					

透过型光电系列

Transmission type photoelectric series



E3JK- □ □ □

透过型光电系列

Transmission type photoelectric series

品牌型号
Brand model number

输出方式
Output way

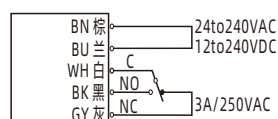
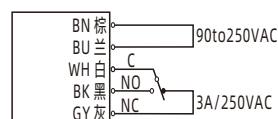
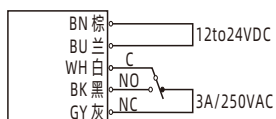
检测距离
Detection distance

5 5M

M1: 通电后, 感应到常开变常闭
After power on, it senses that normally open becomes normally closed

M2: 通电后, 常开变常闭
感应到 常闭变回常开
After energizing, the normally open becomes normally closed, and it is sensed that normally closed changes back to normally open

输出方式 Output way	继电器输出 (开/闭) Relay output (open/close)		
检测物体 Test object	Φ16mm 以上不透明体 The above opaque body		
响应时间 Response time	Max.20ms	光接收元件 Light receiving element	内置受光IC Built-in light-receiving IC
震动 vibration	抗震动 Anti-vibration	振幅1.5mm 频率10~55Hz X, Y, Z 各方向两小时 Amplitude 1.5mm, frequency 10~55Hz X, Y, Z direction each for two hours	
	误动作 misoperation	(周期一分钟) 振幅1.5mm 频率10~55Hz X, Y, Z 各方向十分钟 (Period one minute) Amplitude 1.5mm, Frequency 10~55Hz X, Y, Z each direction for ten minutes	
冲击 impact	抗冲击 Impact resistant	500m/S ² (50G) X, Y, Z 各方向3次 500m/S ² (50G) 3 times in each direction of X, Y, Z	
	误动作 misoperation	100m/S ² (10G) X, Y, Z 各方向3次 100m/S ² (10G) X, Y, Z direction 3 times each	
机械寿命 Mechanical life	50000000	电气寿命 Electrical life	100000
电流 electric current	250VAC/3A	防护等级 Protection level	IP 65
导线长度 Wire length	2M(米)	工作环境 working environment	-20~+65℃
材质 Material	外壳:ABS 镜头:丙烯酸 Housing: ABS Lens: Acrylic acid		
重量 weight	1PCS/0.324KG 75PCS/1箱(box)		



选型指南 规格说明

Selection Guide Specification

电源 power supply	输出模式 Output mode	型号 Model number	单价 unit price	型号 Model number	单价 unit price
12~24VDC	NO+NC	E3JK-5M1		E3JK-5M2	
90~250VAC	NO+NC	E3JK-5M1		E3JK-5M2	
12~240VDC 24~240VAC	NO+NC	E3JK-5M1		E3JK-5M2	
感应距离 Sensing distance		5M		5M	

镜面反射型系列
Mirror reflection type series

	BEN DFR 慢反射光电开关 Slow reflection photoelectric switch 品牌型号 Brand model number 检测距离 Detection distance 300: 300MM																																					
	<table><tr><td>输出方式 Output way</td><td colspan="3">继电器输出 (开/闭) Relay output (open/close)</td></tr><tr><td>探测方式 Detection method</td><td>漫反射型 Diffuse reflection type</td><td>材质 Material</td><td>外壳:ABS 镜头:丙烯酸 Housing: ABS Lens: Acrylic acid</td></tr><tr><td>检测物体 Test object</td><td>半透明/不透明体 Translucent/opaque body</td><td>应答速度 Response speed</td><td>Max.20ms</td></tr><tr><td>引线长度 Lead length</td><td>2M(米)</td><td>电流 electric current</td><td>250VAC/3A</td></tr><tr><td>重量 weight</td><td colspan="3">1PCS/0.190KG</td></tr><tr><td>产品型号 Product number</td><td>BEN300-DFR</td><td></td><td></td></tr><tr><td>产品型号 Product number</td><td></td><td></td><td></td></tr><tr><td>工作电源 Power supply</td><td>12-240VDC/VAC</td><td></td><td></td></tr><tr><td>单价 unit price</td><td></td><td></td><td></td></tr></table>			输出方式 Output way	继电器输出 (开/闭) Relay output (open/close)			探测方式 Detection method	漫反射型 Diffuse reflection type	材质 Material	外壳:ABS 镜头:丙烯酸 Housing: ABS Lens: Acrylic acid	检测物体 Test object	半透明/不透明体 Translucent/opaque body	应答速度 Response speed	Max.20ms	引线长度 Lead length	2M(米)	电流 electric current	250VAC/3A	重量 weight	1PCS/0.190KG			产品型号 Product number	BEN300-DFR			产品型号 Product number				工作电源 Power supply	12-240VDC/VAC			单价 unit price		
输出方式 Output way	继电器输出 (开/闭) Relay output (open/close)																																					
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产品型号 Product number																																						
工作电源 Power supply	12-240VDC/VAC																																					
单价 unit price																																						
BN 棕 24to240VAC BU 兰 12to240VDC WH 白 C BK 黑 NO GY 灰 NC 3A/250VAC																																						
	BEN DFR 镜面反射光电开关/Mirror reflection photoelectric switch 品牌型号 Brand model number 检测距离 Detection distance 5M: 5M(米)																																					
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输出方式 Output way	继电器输出 (开/闭) Relay output (open/close)																																					
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检测物体 Test object	Φ60mm 以上不透明体 The above opaque body	应答速度 Response speed	Max.20ms																																			
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产品型号 Product number	BEN5M-DFR																																					
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工作电源 Power supply	12-240VDC/VAC																																					
单价 unit price																																						
BN 棕 24to240VAC BU 兰 12to240VDC WH 白 C BK 黑 NO GY 灰 NC 3A/250VAC																																						

红外线光电开关系列

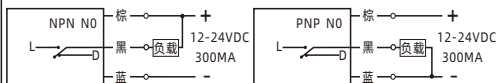
Infrared photoelectric switch series



E3Z-D □□ 慢反射光电开关/Slow reflection photoelectric switch

品牌型号 Brand model number	输出方式 Output way	61: NPN NO+NC 3线/line 62: NPN NO+NC 3线/line 81: PNP NO+NC 3线/line 82: PNP NO+NC 3线/line
检测距离 Detection distance	D61: 30CM D62: 1M D81: 30CM D82: 1M	

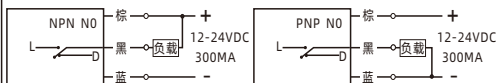
输出方式 Cylinder diameter	L: 常开 D: 常闭 可切换 L: Normally open D: Normally closed, switchable				
探测方式 Detection method	扩散反射型 Diffusion reflectiontype	材质 Material	外壳:ABS 镜头:丙烯酸 Housing: ABS Lens: Acrylic acid		
检测物体 Test object	半透明/不透明体 Translucent/opaque body	引线长度 Lead length	1.5M(米)		
工作电源 Power supply	12-24VDC	响应时间 Response time	2MS 以下 2MS the following		
重量 weight	1PCS/0.049KG 10PCS/1盒(box) 0.569KG				
输出模式 Output mode		型号 Model number	单价 unit price	型号 Model number	单价 unit price
NPN 12-24VDC 300MA	NO+NC	E3Z-D61		E3Z-D62	
PNP 12-24VDC 300MA	NO+NC	E3Z-D81		E3Z-D82	
感应距离 Sensing distance		30CM		1M	



E3Z-T □□ 慢反射光电开关/Slow reflection photoelectric switch

品牌型号 Brand model number	输出方式 Output way	61: NPN NO+NC 3线/line 62: NPN NO+NC 3线/line 81: PNP NO+NC 3线/line 82: PNP NO+NC 3线/line
检测距离 Detection distance	T61: 15M T62: 30M T81: 15M T82: 30M	

输出方式 Cylinder diameter	L: 常开 D: 常闭 可切换 L: Normally open D: Normally closed, switchable				
探测方式 Detection method	对射型 pair Shoot type	材质 Material	外壳:ABS 镜头:丙烯酸 Housing: ABS Lens: Acrylic ac		
检测物体 Test object	φ12mm以上不透明物体 Opaque objects above φ12mm	引线长度 Lead length	1.5M(米)		
工作电源 Power supply	12-24VDC	响应时间 Response time	2MS 以下 2MS the following		
重量 weight	1PCS/0.092KG 10PCS/1盒(box) 1KG				
输出模式 Output mode		型号 Model number	单价 unit price	型号 Model number	单价 unit price
NPN 12-24VDC 300MA	NO+NC	E3Z-T61		E3Z-T62	
PNP 12-24VDC 300MA	NO+NC	E3Z-T81		E3Z-T82	
感应距离 Sensing distance		15M		30M	



漫反射式开关系列

Diffuse reflection switch series



E3Z-R

□□

回归反射型光电开关/Retro-reflective photoelectric switch

品牌型号

Brand model number

输出方式

Output way

61: NPN NO+NC 3线/line

81: PNP NO+NC 3线/line

检测距离

Detection distance

D61: 3-4M

D81: 3-4M

输出方式	L: 常开 D: 常闭 可切换				
Cylinder diameter	L: Normally open D: Normally closed, switchable				
探测方式	回归反射型	材质	外壳:ABS 镜头:丙烯酸		
Detection method	Regression reflex type	Material	Housing: ABS Lens: Acrylic acid		
检测物体	φ75mm以上不透明物体	引线长度	1.5M(米)		
Test object	Opaque objects above φ75mm	Lead length			
工作电源	12-24VDC	响应时间	2MS 以下		
Power supply		Response time	2MS the following		
重量	1PCS/0.062KG 10PCS/1盒(box) 0.701KG				
weight					
输出模式	型号	单价	型号	单价	
Output mode	Model number	unit price	Model number	unit price	
NPN					
12-24VDC 300MA	NO+NC	E3Z-R61			
PNP					
12-24VDC 300MA	NO+NC	E3Z-R81			
感应距离	3-4M				
Sensing distance					

NPN NO

棕—○

+

12-24VDC

300MA

黑—○

负载

—

蓝—○

-

PNP NO

棕—○

+

12-24VDC

300MA

黑—○

负载

—

蓝—○

-



红外线光电开关系列
 Infrared photoelectric switch series



E3S-GS

品牌型号
Brand model number

红外线U型/Infrared U type

输出方式
Output way

检测距离
Detection distance

E4: NPN NO(常开) 3线/line
B4: PNP NO(常开) 3线/line

30 30MM

U形口直径 U-shaped mouth diameter	30MM		
探测方式 Detection method	U型慢反射 U-shaped slow reflection	材质 Material	外壳:ABS 镜头:丙烯酸 Housing: ABS Lens: Acrylic acid
检测物体 Test object	半透明/不透明体 Translucent/opaque body	引线长度 Lead length	1.5M(米)
工作电源 Power supply	10-30VDC		
重量 weight	1PCS/0.072KG 10PCS/1盒(box) 0.801KG		

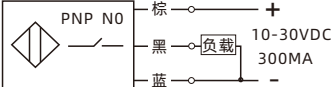
NPN NO



棕 — +
黑 — 负载
蓝 — -

10-30VDC
300MA

PNP NO



棕 — +
黑 — 负载
蓝 — -

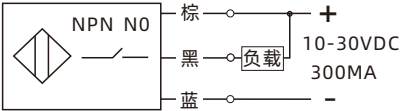
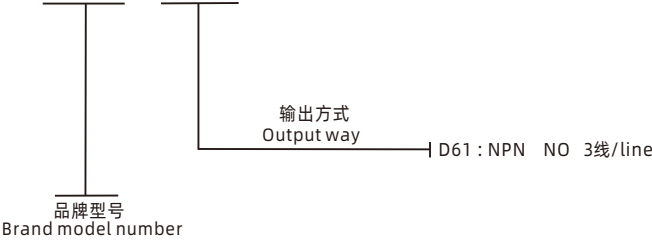
10-30VDC
300MA

输出模式 Output mode		型号 Model number	单价 unit price
NPN 10-30VDC 200MA	NO	E3S-GS30E4	
PNP 10-30VDC 200MA	NO	E3S-GS30B4	
感应距离 Sensing distance		30MM	

激光漫反射式系列
Laser diffuse reflection series



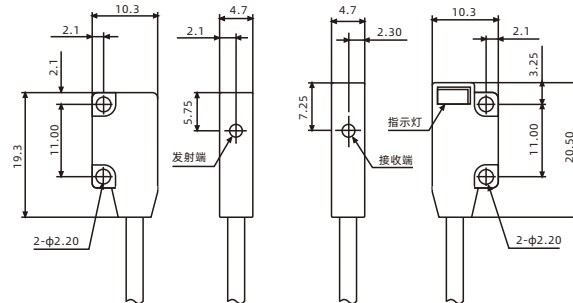
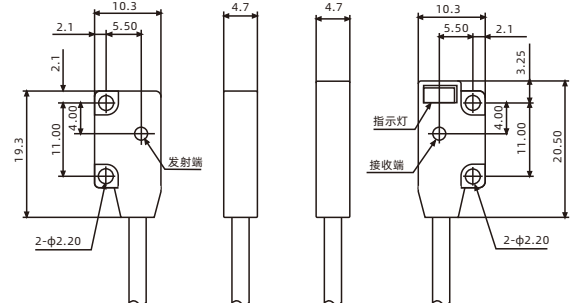
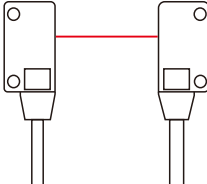
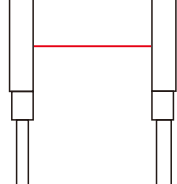
E3G-□□□ 激光慢反射型/Laser slow reflection type



检测距离 Detection distance	4-30CM		
探测方式 Detection method	激光慢反射型 Laser slow reflection type	材质 Material	外壳:ABS 镜头:丙烯酸 Housing: ABS Lens: Acrylic acid
检测物体 Test object	半透明/不透明体 Translucent/opaque body	应答速度 Response speed	Max.20ms
引线长度 Lead length	2M(米)		
重量 weight	1PCS/0.051KG 10PCS/1盒(box) 0.595KG		
产品型号 Product number	E3G-D61		
产品型号 Product number			
工作电源 Power supply	6-36VDC		
单价 unit price			

红外线光电开关系列

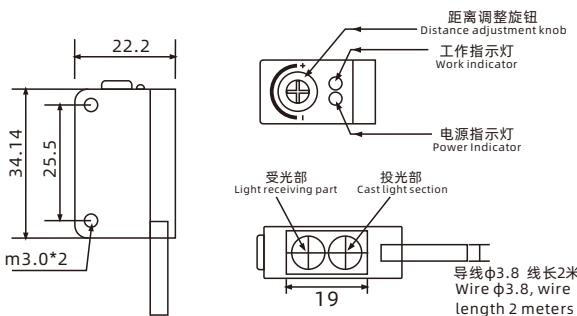
Infrared photoelectric switch series

		侧面对射型 Side-to-side shooting type 单位Units: mm 	
正面对射型 Frontal volute type 单位Units: mm 			
侧面检测 Side detection 		正面检测 Front detection 	
产品型号 Product model		BEM-50NKB-Z	
检测距离 Detection distance		500MM	
最小检测物体 Smallest detectable object		不透明物体: 1mm Opaque object: 1mm	
输出信号 output signal		NPN NO+NC	
光源(发光波长) Light source (light emitting wavelength)		红外发光二极管 (680nm) Infrared light emitting diode (680nm)	
电源电压 Power supply voltage		10~30V DC 脉动 (P-P) ±10% max 10~30V DC pulsation (P-P) ±10% max	
消耗电流 Consumption current		投光器: 10mA max 受光器: 10mA max Emitter: 10mA max Receiver: 10mA max	
保护回路 Protection circuit		逆相保护 Reverse phase protection	
响应时间 Response time		1ms以下 (动作复位) 1ms or less (action reset)	
控制输出 Control output		负载电源电压: 30V Dc max Load power supply voltage: 30V Dc max	
		负载电源电压: 50mA max.(残留电压: 2Vmax.) Load power supply voltage: 50mA max. (residual voltage: 2Vmax.)	
周围环境照度 Illumination of surrounding environment		白炽灯: 5,000lx max Incandescent lamp: 5,000lx max	
周围环境温度 Surrounding environment temperature		动作时: -25~+55℃、保存时: -30~+70℃ (不结冰不结露) During operation: -25~+55℃, during storage: -30~+70℃ (no freezing and no condensation)	
周围湿度 Humidity of the surrounding environment		动作时: 35-85%RH、保存时: 35-85%RH (不结露) During operation: 35-85%RH, during storage: 35-85%RH (non-condensing)	
绝缘电阻 Insulation resistance		20MQmin.(DC500v)	
耐电压 Voltage resistance		AC1,000V 50/60Hz 1min	
振动 vibration	耐久 durable	10-500Hz双振幅3mmX、Y、Z各方向2h 10-500Hz double amplitude 3mm in X, Y, and Z directions for 2h	
冲击 Shock	耐久 durable	500m/s ² X、Y、Z各方向3次500m/s ² 3 X、Y、Z 500m/s ² X, Y, Z directions 3 times each 500m/s ² 3 X, Y, Z	
保护构造 Protection structure		IP66	
材质 Material	外壳 shell	变性聚芳香脂 Denatured polyaromatic resin	检测面 Detection surface
导线 guide Line		引出型 2M Lead-out type 2M	变性聚芳香脂 Denatured polyaromatic resin
重量 weight		1PCS/0.038KG 10PCS/盒 0.461KG	1PCS/0.038KG 10PCS/盒 0.461KG
单价 unit price			

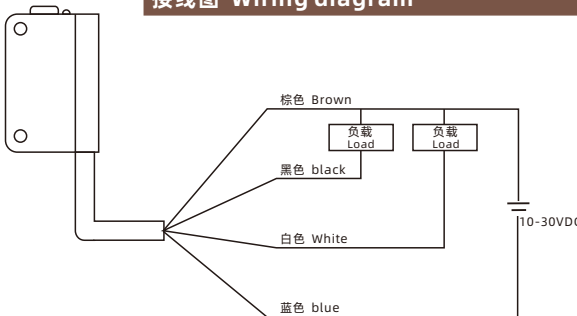
红外线光电开关系列
 Infrared photoelectric switch series



外形尺寸图(毫米) Outline dimension drawing(mm)



接线图 Wiring diagram



输出动作 Output action

	导线颜色 Wire color	输出动作 Output action
输出 1 Output 1	黑色 black	入光时ON ON when receiving light
输出 2 Output 2	白色 White	遮光时ON ON when shading

产品型号 Product model	BEM-30NKB		
检测距离 Detection distance	0.5-300MM		
输出信号 output signal	NPN NO+NC		
重复精度 Repeat accuracy	沿检测轴: 1mm以下, 垂直于检测轴: 0.2mm以下(使用白色无光泽纸) Along the detection axis: 1mm or less, perpendicular to the detection axis: 0.2mm or less (use white matte paper)		
电源电压 Power supply voltage	10~30V DC±10%脉动P-P10%以下 12~24V Dc±10% pulsation P-P10% or less		
消耗电流 Consumption current	25mA以下 Below 25mA		
响应时间 Response time	≤ 2ms		
工作状态指示灯 Working status indicator	红色LED(输出ON时亮起) Red LED (lights up when the output is ON)		
电源指示灯 Power Indicator	绿色LED(通电时亮起) Green LED (lights up when power is applied)		
距离设定调节器 Distance setting regulator	配备机械式5圈调节器 Equipped with a mechanical 5-turn adjuster		
周围环境温度 Surrounding environment temperature	-25~+55℃(注意不可结露、结冰), 存储时: -30~+70℃ -25~+55℃(Be careful not to condense or freeze), when storing: -30~+70℃		
周围环境湿度 Humidity of the surrounding environment	35~+85%RH 存储时: 35~+85%RH 35~+85%RH storage: 35~+85%RH		
周围环境照度 Illumination of surrounding environment	白炽灯: 受光面照度3000lx以下 Incandescent lamp: less than 3000lx illuminance on the receiving surface		
绝缘电阻 Insulation resistance	所有电源连接端子与外壳之间, 20MQ以上, 基于DC250V的高阻表 Between all power connection terminals and the shell, above 20MQ, high resistance meter based on DC250V		
耐电压 Voltage resistance	AC1000V 1分钟所有电源连接端子与外壳之间 AC1000V 1 minute between all power connection terminals and the shell		
耐振动 Resistant to vibration	频率10~500HZ双振幅3mm(MAX.50G)X,Y和Z方向各2小时 Frequency 10~500HZ double amplitude 3mm (MAX.50G) X, Y and Z directions for 2 hours each		
耐冲击 Impact resistance	加速度500m/s(约50G)X,Y和Z方向各2小时 Acceleration 500m/s (about 50G) X, Y and Z directions for 2 hours each		
保护构造 Protection structure	IP 65		
投光元件 Projection element	红色LED(投光波峰波长:650nm、调制式) Red LED (projection peak wavelength: 650nm, modulation type)		
光点直径 Light spot diameter	约中2mm(距离为50mm时) 约卢20mm(距离300mm时) Approximately 2mm (when the distance is 50mm) About 20mm (at a distance of 300mm)		
材质 Material	外壳:PC Shell: PC	出线方式 out Line method	2m 4芯电缆 2m 4-core cable
重量 weight	1PCS/0.051KG 10PCS/盒 0.586KG		
单价 unit price			

颜色色标光电开关系列
Color code photoelectric switch series

BEM-LX-101 颜色色标光电开关 Color code photoelectric switch



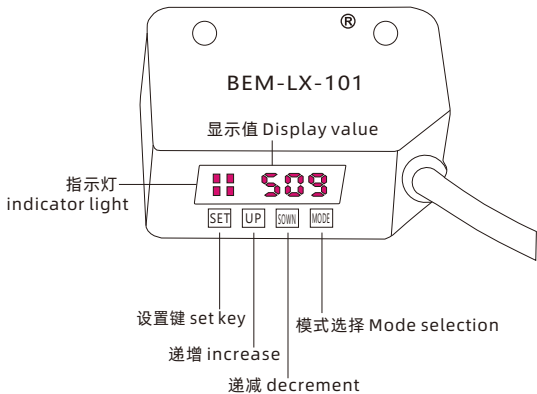
注意事项 Matters needing attention

- 1. 本产品仅供目标物检测之用, 请勿将本产品用于人体或人体部位等目的。
 - 2. 本产品不得作为防爆产品使用, 请勿在危险场所和/或潜在爆炸气体的环境使用。
 - 3. 该产品是DC电源型传感器, 请勿使用AC电源, 否则会导致产品爆炸或起火。
 - 4. 请勿沿电源线或者高压线对传感器进行配线, 否则传感器会因噪声发生故障或受损。
 - 5. 使用商用开关稳压器时, 确保将机框接地端子和接地端子接地。
 - 6. 请勿在室外或者外部光线能够直接进入光接收表面的位置使用。
1. This product is only used for target detection, please do not use this product for the purpose of human body or human body parts.
2. This product should not be used as an explosion-proof product, and should not be used in hazardous locations and/or environments with potentially explosive gas.
3. This product is a DC power type sensor, please do not use AC power, otherwise it will cause the product to explode or catch fire.
4. Do not wire the sensor along power lines or high-voltage lines, otherwise the sensor may malfunction or be damaged due to noise.
5. When using a commercial switching regulator, be sure to ground the chassis ground terminal and the ground terminal.
6. Do not use outdoors or in locations where outside light can directly enter the light-receiving surface.

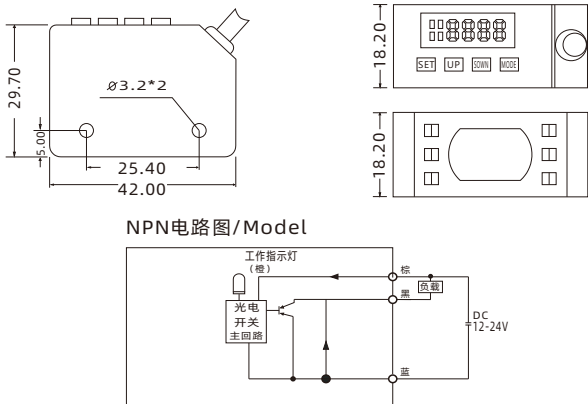
产品参数 Product parameters

型号 model number	BEM-LX-101	NPN输出 NPN output	类型 type	一个输出口,导线引出式 One output port, lead-out type
控制输出 control output	一个输出口 an output port		光源 light source	LED三色光 LED tri-color light
感应距离 Sensing distance	8mm-15mm		反应时间 Reaction time	50US
输出选择 output selection	LIGHT-ON/DARK-ON(开关选择) LIGHT-ON/DARK-ON (switch selection)			
显示指示器 show indicator	操作指示灯: 红色发光二极管, 双重数位监视器: 双重7位数展示, 阈值 (4位数绿色发光二极管指示器) 和当前值 (4位数红色发光二极管指示器) 一起点亮。当前值范围:0-9999 Operation indicator: red LED, dual digital monitor: dual 7-digit display, the threshold value (4-digit green LED body indicator) and the current value (4-digit red LED body indicator) are lit together. Current value range: 0-9999			
检测方式 Detection method	C1:颜色模式 C: 色标模式 MARK:对比模式 C1: Color mode C: Color mark mode MARK: Contrast mode			
延时功能 Delay function	断开延时计时器/开启延时计时器/单位计时器/开启单次计时器, 可选择。计显示器在持续时间可选择: 1ms至9999ms Off-delay timer/on-delay timer/unit timer/on-single timer, selectable. Meter display in duration selectable: 1ms to 9999ms			
控制输出 control output	NPN/PNP开放式集电极24V,最大100mA (只限于主部件) 最大20mA(当扩展部件连接时, 残余电压: 1V.型号带MZ字样的传感器为模拟量输出, 模拟量电压0-5V, 检测准确度为千份之一 NPN/PNP open collector 24V, max. 100mA (only for main unit) max. 20mA (when extension unit is connected, residual voltage: 1V. Model with MZ word sensorFor analog output, the analog voltage is 0-5V, and the detection accuracy is one thousandth			
电源 power supply	12-24VDC±10之间, 浮动率 (P-P):最大10%等级2 Between 12-24VDC±10, floating rate (P-P): maximum 10% level 2			
工作环境亮度 Ambient brightness	白炽灯: 最大: 20,000lux,日光: 最大: 30,000lux Incandescent: Max: 20,000lux, Daylight: Max: 30,000lux			
消耗功率 Power consumption	标准模式: 最大300mW 最大电压: 24V Standard mode: 300mW max Maximum voltage: 24V			
耐振动性 Vibration resistance	10-55Hz,双重振幅: 1.5mm, X,Y,Z轴分别是2小时 10-55Hz, double amplitude: 1.5mm, X, Y, Z axis are 2 hours respectively			
工作环境温度 Working temperature	-10+55℃,无结冻 -10+55℃, no freezing			

产品部件说明 Product Parts Description



尺寸与接线方式 Dimensions and Wiring



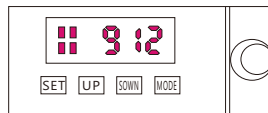
颜色色标光电开关系列

Color code photoelectric switch series

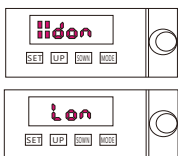
操作设置 Operation settings



对准目标色按一下SET键, 移开再按一下SET键,即可检测目标色
Aim at the target color and press the SET button, move it away and press the SET button again to detect the target color



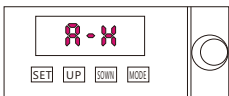
短按一下MODE进入阈值微调
UP-阈值加大
DOWN-阈值减小
Short press MODE to enter the threshold fine-tuning
UP-Threshold increase
DOWN-threshold decrease



再短按MODE进入常开/常闭切换don:常闭模式,Lon:常开模式
up键/DOWN键 切换常开/常闭
Short press MODE again to enter normally open/ normally closed switching don: normally closed mode, Lon: normally open mode up key/DOWN key switch normally open/normally closed

两点校准基于工件有与无施以校准,设定点是上述两种情况下的中间值.如果工件的反光度过弱的情况下会出现"nnnn",如果反光度过强的情况下会出现"uuuu",设置方法则参考以下操作。
The two-point calibration is based on the presence and absence of the workpiece. The set point is an intermediate value between the above two cases. If the workpiece is too reflective, "nnnn" will appear, and if the workpiece is too reflective, it will appear. "uuuu" appears, please refer to the following operations for the setting method.

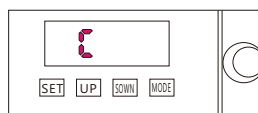
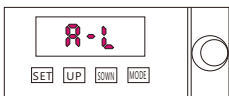
参数设置 parameter settings



(1) 光源饱和度设置
(1) Light source saturation setting
长按M键3秒以上进入光线饱和度设置,按UP/DOWN进行切换

A-H为标准光源模式
A-L为弱光模式
(当面板出现uuuu时建议切换A-L)

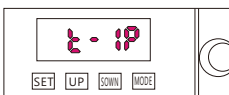
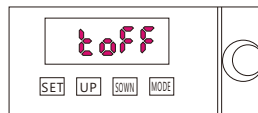
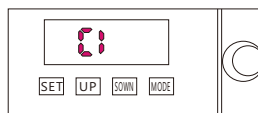
Press and hold the M key for more than 3 seconds to enter the light saturation setting, press UP/DOWN to switch
A-H for standard light source mode
A-L for low light mode
(it is recommended to switch A-L when uuuu appears on the panel)



(2) 模式设置
(2) Mode setting

短按MODE键,按左右键UP或DOWN进行模式切换(C为色标模式C1为颜色模式MARK为两点校准模式)

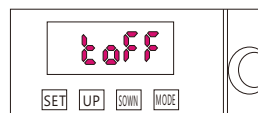
Short press the MODE button, and press the left and right buttons UP or DOWN to switch the mode (C is the color mark mode, C1 is the color mode, and MARK is the two-point calibration mode)



(3) 教导功能切换
(3) Teaching function switching

模式设置完成之后短按MODE键教导功能切换按左右键进行切换,E-1P为一键教导(只需对准目标色按一次SET即可完成设置,改模式只适合在(C模式下使用)

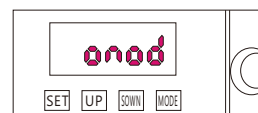
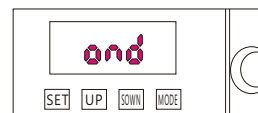
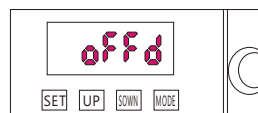
After the mode setting is completed, short press the MODE button to teach the function switch, press the left and right buttons to switch, E-1P is one-button teaching (just press SET to the target color to complete the setting, the mode is only suitable for use in © mode)



(4) 延时模式
(4) Delay mode

教导模式设置完成后 按一下M键进入延时模式
设置按左右键进行切换,0.01-9.99秒 可切换
EOFF (延时关闭)
OFFD (延时输出)
OND (延时输入)
ONOD (延时输入输出)
按左右键加减小数数值10为0.01秒
数值9999为9.9秒

After the teaching mode setting is completed, press the M key to enter the delay mode setting and press the left and right keys to switch, 0.01-9.99 seconds to switch
EOFF (delayed off)
OFFD (delayed output)
OND (delayed input)
ONOD (delayed input and output)
Press the left and right keys to add or subtract the red value. The value of 10 is 0.01 seconds
The value 9999 is 9.9 seconds



选型指南 规格说明 Selection Guide Specification

产品型号 Product model	输出模式 output pattern	电压 Voltage	重量 weight	单价 unit price
BEM-LX-101	NPN NO+NC	12-24VDC	1PCS/0.113KG	

槽型光电开关系列

Groove photoelectric switch series

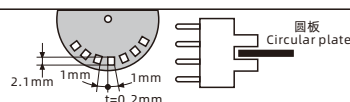


- 内置用户回路检测及短路黄色灯警示;
- 条状入光指示灯更便于进行动作确认;
- 16种外形、种类丰富, 适合多种场景安装匹配;
- 电源电压为DC5~24V的广范围;
- 3kHz高速检测频率响应;
- 输出短路保护;动作模式备有遮光ON/入光时ON(可切换);
- 遮光时入光指示灯亮灯型可选;
- 脚片引出型2mil镀金可选, 长期抗氧化;
- 另有抗浪涌、耐高温型槽型光电开关, 如有需要, 请咨询业务。
- Built-in user loop detection and short-circuit yellow light warning;
- The bar-shaped incident light indicator is more convenient for action confirmation;
- 16 kinds of shapes, rich in types, suitable for installation and matching in a variety of scenes;
- The power supply voltage is a wide range of DC5~24V;
- 3kHz high-speed detection frequency response;
- Output short circuit protection; the action mode is equipped with shading ON/ON when light is received (switchable);
- When shading, the light-in indicator light type is optional;
- The pin lead type 2mil gold-plated optional, long-term oxidation resistance;
- There are also anti-surge, high-temperature-resistant slot-type photoelectric switches, if necessary, please consult the business.

种类 type		标准型 Standard type	L型 L type	T型 T type	紧密安装型 Compact installation type		T型 T type	F型 F type	R型 R type
NPN 输出 NPN output	接插件型 Plug-in type	BEM-SX670	BEM-SX671	BEM-SX672	BEM-SX673	BEM-SX674	BEM-SX675	BEM-SX676	BEM-SX677
		BEM-SX670A	BEM-SX671A	BEM-SX672A	BEM-SX673A	BEM-SX674A	BEM-SX675A	BEM-SX676A	BEM-SX677A
		BEM-SX470	BEM-SX471	BEM-SX472	BEM-SX473	BEM-SX474	BEM-SX475	BEM-SX476	BEM-SX477
PNP 输出 PNP output	接插件型 Plug-in type	BEM-SX670P	BEM-SX671P	BEM-SX672P	BEM-SX673P	BEM-SX674P	BEM-SX675P	BEM-SX676P	BEM-SX677P
		BEM-SX670R	BEM-SX671R	BEM-SX672R	BEM-SX673R	BEM-SX674R	BEM-SX675R	BEM-SX676R	BEM-SX677R
检测距离 Detection distance		5mm (凹槽宽度) 5mm (groove width)							
标准检测物体 Standard detection object		2X0.8mm 以上的不透明物体 Opaque objects above 2X0.8mm							
应差距离 Hysteresis distance		0.025mm 以下 0.025mm or less							
光源(最大发光波长) Light source (maximum luminous wavelength)		GaAs 红外发光二极管 (940nm) GaAs infrared light emitting diode (940nm)							
指示灯 *1 Indicator light	红色 Red	入光时亮灯(红色)(A型、R型为遮光时亮灯) Lights up when light is received (red) (Type A and Type R light up when light is blocked)							
	黄色 yellow	用户回路短路时亮灯 (警示) Lights up when the user circuit is short-circuited (warning)							
电源电压 Power supply voltage		DC5~24V±10% 纹波 (P-P) 10%以上 DC5~24V±10% ripple (P-P) more than 10%							
消耗电流 Consumption current		15mA 以下 (接插件型、导线引出型) Below 15mA (connector type, lead-out type)							
控制输出 Control output		NPN型:NPN开放式接插件输出DC5~24V100mA 以下, NPN type: NPN open connector output DC5~24V100mA or less,							
		残留电压0.8V以下(负载电流100mA时)、残留电压0.4V以下(负载电流4mA时)、关机电流(泄漏电流)0.5mA以下; The residual voltage is below 0.8V (when the load current is 100mA), the residual voltage is below 0.4V (when the load current is 4mA), and the shutdown current (leakage current) is below 0.5mA;							
		PNP型:PNP开放式接插件输出DC5~ 24V 50mA以下, PNP type: PNP open connector output DC5~24V below 50mA,							
		残留电压1.3V以下 (负载电流50mA时)、关机电流(泄漏电流)0.5mA以下; Residual voltage below 1.3V (when load current is 50mA), shutdown current (leakage current) below 0.5mA;							
响应频率 *2 Response frequency		1kiz以上(电缆线引出型3KHz) 1kiz or more (cable lead type 3KHz)							
使用环境照度 Use environment illuminance		受光面照度 荧光灯:1,000x 以下 Illumination of light-receiving surface Fluorescent lamp: 1,000x or less							
环境温度范围 Ambient temperature range		工作时:-25 ~ +55℃ 保存时:-30 ~ +80℃(无结冰、结露) When working: -25 ~ +55℃ When storing: -30 ~ +80℃ (no icing or condensation)							
环境湿度范围 Environmental humidity range		工作时:5~85%RH 保存时:5~95%RH(无结冰、结露) Working: 5~85%RH When storing: 5~95%RH (no icing or condensation)							
振动 (耐久) Vibration (durable)		20~2,000Hz(最大加速度100m/s2) 上下振幅 1.5mm x、Y、z各方向 2h (4min周期) 20~2,000Hz (maximum acceleration 100m/s2) vertical amplitude 1.5mm x, Y, z directions each 2h (4min cycle)							
冲击 (耐久) Impact (durable)		500m/s2 X、Y、z 各方向 3次 500m/s2 X, Y, z directions 3 times each							
保护 Protect		电源异接保护 负载短路保护 Power connection protection, load short-circuit protection							
连接方式 Connection method		接插件型(适配1001A 1001B 1010 1006 四种端子)、导线引出型(标准导线长1m) Connector type (suitable for 1001A 1001B 1010 1006 four types of terminals), lead-out type (standard lead length 1m)							
材质 Material	外壳 shell	ABS							
	罩盖、投、受光部: 聚碳酸酯 Cover, projection and light receiving parts: polycarbonate								

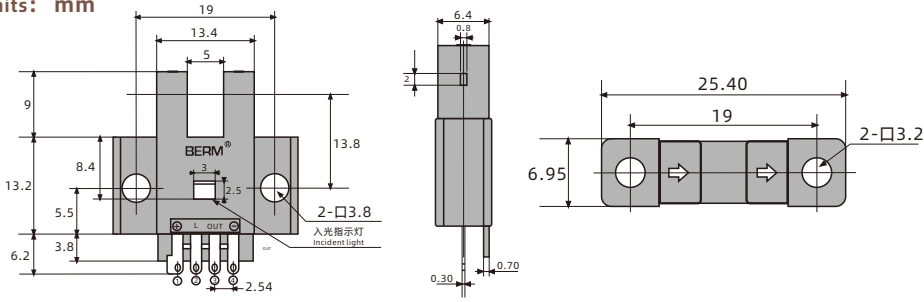
*1. Gap 红色 LED (最大发不波长690nm)
Gap red LED (maximum emission wavelength is 690nm)

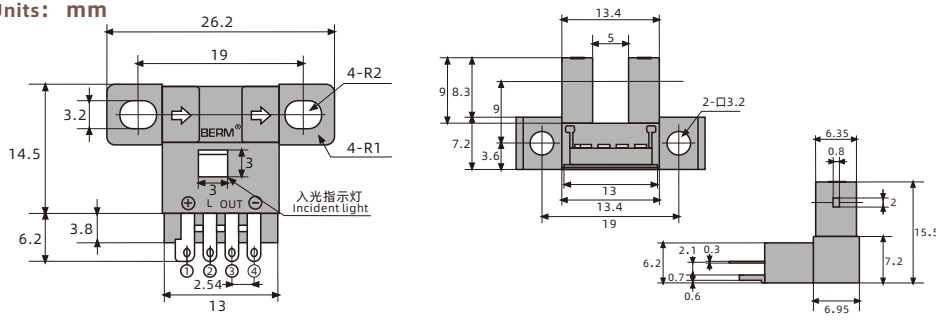
*2. 响应频率的测定为旋转右图圆板时的值
The response frequency is measured as the value when the circular plate shown on the right is rotated

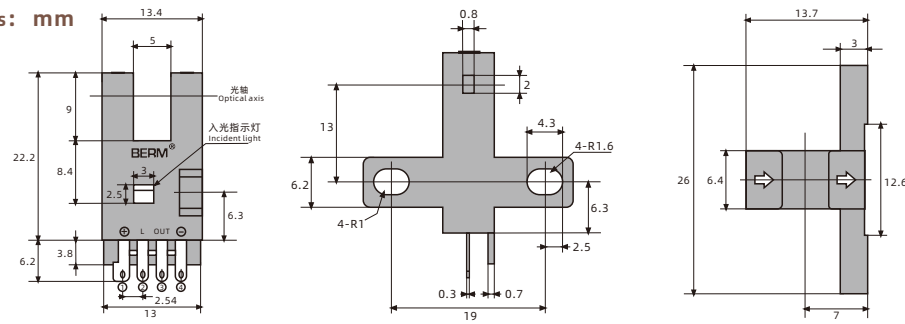


槽型光电开关系列

Groove photoelectric switch series

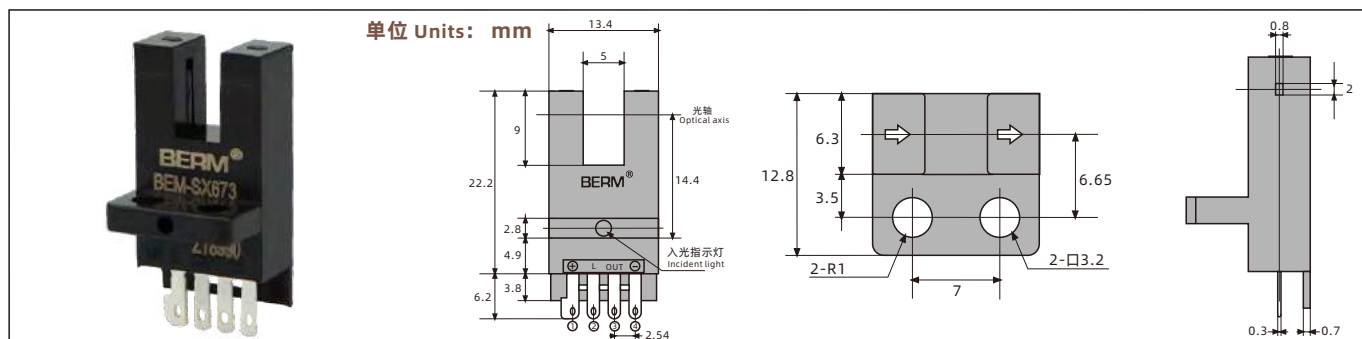
		单位 Units: mm 					
产品型号 Product model		连接方式 Connection method	检测距离 Detection distance	动作模式 Action mode	指示灯模式 Indicator light pattern	重量 weight	单价 unit price
NPN 输出 NPN output	BEM-SX670	接插件型 (4极) Connector type (4 poles)	5mm (凹槽宽度) (红外光) 5mm (groove width) (infrared light)	入光时ON 遮光时ON (可切换)*3 ON when shading ON when receiving light (Switchable)*3	入光时亮灯 Lights up when light is received	1pcs/2.3g 100pcs/1盒(box) /372.6g	
	BEM-SX670A			遮光时亮灯 Lights up when shading			
	BEM-SX470			入光时亮灯 Lights up when light is received			
PNP 输出 PNP output	BEM-SX670P			入光时亮灯 Lights up when light is received			
	BEM-SX670R			遮光时亮灯 Lights up when shading			

		单位 Units: mm 					
产品型号 Product model		连接方式 Connection method	检测距离 Detection distance	动作模式 Action mode	指示灯模式 Indicator light pattern	重量 weight	单价 unit price
NPN 输出 NPN output	BEM-SX671	接插件型 (4极) Connector type (4 poles)	5mm (凹槽宽度) (红外光) 5mm (groove width) (infrared light)	入光时ON 遮光时ON (可切换)*3 ON when shading ON when receiving light (Switchable)*3	入光时亮灯 Lights up when light is received	1pcs/2.3g 100pcs/1盒(box) /348.5g	
	BEM-SX671A			遮光时亮灯 Lights up when shading			
	BEM-SX471			入光时亮灯 Lights up when light is received			
PNP 输出 PNP output	BEM-SX671P			入光时亮灯 Lights up when light is received			
	BEM-SX671R			遮光时亮灯 Lights up when shading			

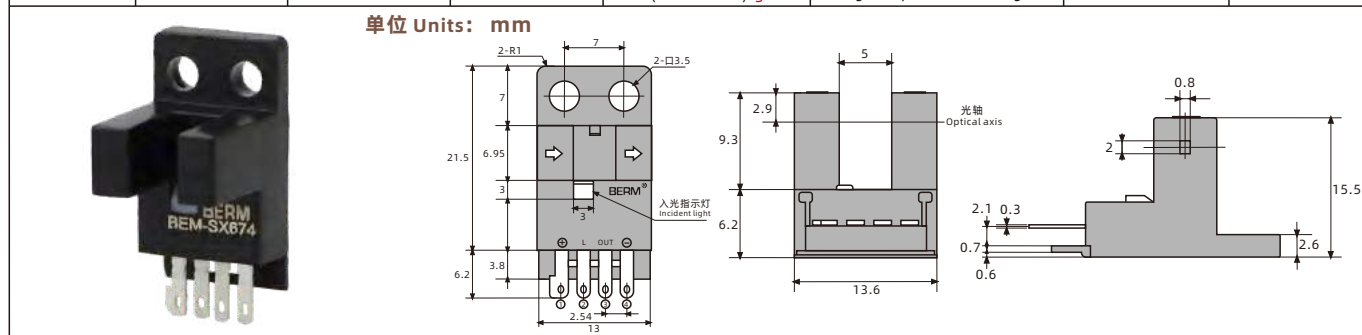
		单位 Units: mm 					
产品型号 Product model		连接方式 Connection method	检测距离 Detection distance	动作模式 Action mode	指示灯模式 Indicator light pattern	重量 weight	单价 unit price
NPN 输出 NPN output	BEM-SX672	接插件型 (4极) Connector type (4 poles)	5mm (凹槽宽度) (红外光) 5mm (groove width) (infrared light)	入光时ON 遮光时ON (可切换)*3 ON when shading ON when receiving light (Switchable)*3	入光时亮灯 Lights up when light is received	1pcs/2.1g 100pcs/1盒(box) /330.2g	
	BEM-SX672A			遮光时亮灯 Lights up when shading			
	BEM-SX472			入光时亮灯 Lights up when light is received			
PNP 输出 PNP output	BEM-SX672P			入光时亮灯 Lights up when light is received			
	BEM-SX672R			遮光时亮灯 Lights up when shading			

槽型光电开关系列

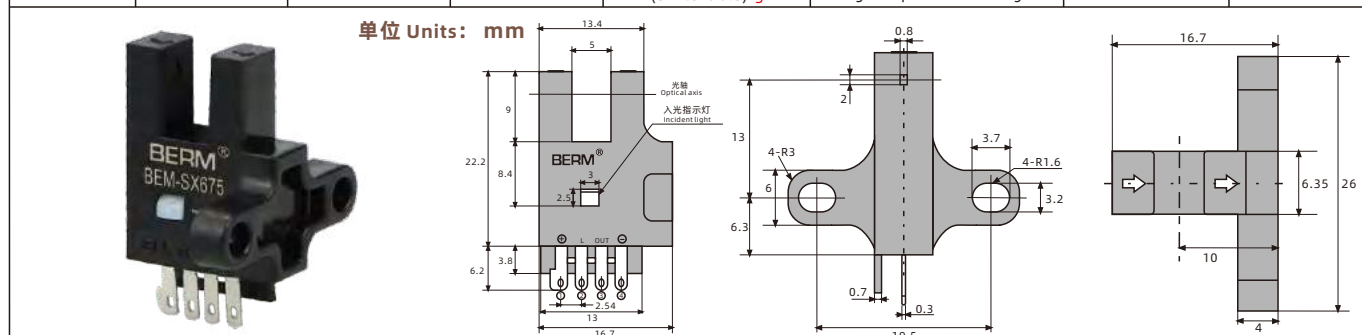
Groove photoelectric switch series



产品型号 Product model	连接方式 Connection method	检测距离 Detection distance	动作模式 Action mode	指示灯模式 Indicator light pattern	重量 weight	单价 unit price
NPN 输出 NPN output	接插件型 (4极) Connector type (4 poles)	5mm (凹槽宽度) (红外光)	入光时ON 遮光时ON (可切换)*3 ON when shading ON when receiving light (Switchable)*3	入光时亮灯 Lights up when light is received	1pcs/1.9g 100pcs/1盒(box) /321.9g	
			入光时ON ON when receiving light	遮光时亮灯 Lights up when shading		
			入光时ON 遮光时ON (可切换)*3 ON when shading ON when receiving light (Switchable)*3	入光时亮灯 Lights up when light is received		
PNP 输出 PNP output	接插件型 (4极) Connector type (4 poles)	5mm (groove width) (infrared light)	入光时ON 遮光时ON (可切换)*3 ON when shading ON when receiving light (Switchable)*3	入光时亮灯 Lights up when light is received		
			入光时ON 遮光时ON (可切换)*3 ON when shading ON when receiving light (Switchable)*3	遮光时亮灯 Lights up when shading		



产品型号 Product model	连接方式 Connection method	检测距离 Detection distance	动作模式 Action mode	指示灯模式 Indicator light pattern	重量 weight	单价 unit price
NPN 输出 NPN output	接插件型 (4极) Connector type (4 poles)	5mm (凹槽宽度) (红外光)	入光时ON 遮光时ON (可切换)*3 ON when shading ON when receiving light (Switchable)*3	入光时亮灯 Lights up when light is received	1pcs/1.9g 100pcs/1盒(box) /318.2g	
			入光时ON ON when receiving light	遮光时亮灯 Lights up when shading		
			入光时ON 遮光时ON (可切换)*3 ON when shading ON when receiving light (Switchable)*3	入光时亮灯 Lights up when light is received		
PNP 输出 PNP output	接插件型 (4极) Connector type (4 poles)	5mm (groove width) (infrared light)	入光时ON 遮光时ON (可切换)*3 ON when shading ON when receiving light (Switchable)*3	入光时亮灯 Lights up when light is received		
			入光时ON 遮光时ON (可切换)*3 ON when shading ON when receiving light (Switchable)*3	遮光时亮灯 Lights up when shading		



产品型号 Product model	连接方式 Connection method	检测距离 Detection distance	动作模式 Action mode	指示灯模式 Indicator light pattern	重量 weight	单价 unit price
NPN 输出 NPN output	接插件型 (4极) Connector type (4 poles)	5mm (凹槽宽度) (红外光)	入光时ON 遮光时ON (可切换)*3 ON when shading ON when receiving light (Switchable)*3	入光时亮灯 Lights up when light is received	1pcs/2.1g 100pcs/1盒(box) /355.3g	
			入光时ON ON when receiving light	遮光时亮灯 Lights up when shading		
			入光时ON 遮光时ON (可切换)*3 ON when shading ON when receiving light (Switchable)*3	入光时亮灯 Lights up when light is received		
PNP 输出 PNP output	接插件型 (4极) Connector type (4 poles)	5mm (groove width) (infrared light)	入光时ON 遮光时ON (可切换)*3 ON when shading ON when receiving light (Switchable)*3	入光时亮灯 Lights up when light is received		
			入光时ON 遮光时ON (可切换)*3 ON when shading ON when receiving light (Switchable)*3	遮光时亮灯 Lights up when shading		

槽型光电开关系列

Groove photoelectric switch series

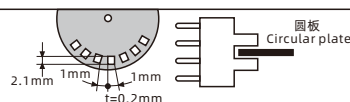


- 内置用户回路检测及短路黄色灯警示;
- 条状入光指示灯更便于进行动作确认;
- 16种外形、种类丰富, 适合多种场景安装匹配;
- 电源电压为DC5~24V的广范围;
- 3kHz高速检测频率响应;
- 输出短路保护;动作模式具备遮光ON/入光时ON(可切换);
- 遮光时入光指示灯亮灯型可选;
- 导线引出型(标准导线长1m)
- 另有抗浪涌、耐高温型槽型光电开关, 如有需要, 请咨询业务。
- Built-in user loop detection and short-circuit yellow light warning;
- The bar-shaped incident light indicator is more convenient for action confirmation;
- 16 kinds of shapes, rich in types, suitable for installation and matching in a variety of scenes;
- The power supply voltage is a wide range of DC5~24V;
- 3kHz high-speed detection frequency response;
- Output short circuit protection; the action mode is equipped with shading ON/ON when light is received (switchable);
- When shading, the light-in indicator light type is optional;
- Lead-out type (standard lead length 1m)
- There are also anti-surge, high-temperature-resistant slot-type photoelectric switches, if necessary, please consult the business.

种类 type		标准型 Standard type	L型 L type	T型 T type	紧密安装型 Compact installation type		T型 T type	F型 F type	R型 R type
NPN 输出 NPN output	接插件型 Plug-in type	BEM-SX670-WR	BEM-SX671-WR	BEM-SX672-WR	BEM-SX673-WR	BEM-SX674-WR	BEM-SX675-WR	BEM-SX676-WR	BEM-SX677-WR
		BEM-SX670A-WR	BEM-SX671A-WR	BEM-SX672A-WR	BEM-SX673A-WR	BEM-SX674A-WR	BEM-SX675A-WR	BEM-SX676A-WR	BEM-SX677A-WR
		BEM-SX470-WR	BEM-SX471-WR	BEM-SX472-WR	BEM-SX473-WR	BEM-SX474-WR	BEM-SX475-WR	BEM-SX476-WR	BEM-SX477-WR
PNP 输出 PNP output	接插件型 Plug-in type	BEM-SX670P-WR	BEM-SX671P-WR	BEM-SX672P-WR	BEM-SX673P-WR	BEM-SX674P-WR	BEM-SX675P-WR	BEM-SX676P-WR	BEM-SX677P-WR
		BEM-SX670R-WR	BEM-SX671R-WR	BEM-SX672R-WR	BEM-SX673R-WR	BEM-SX674R-WR	BEM-SX675R-WR	BEM-SX676R-WR	BEM-SX677R-WR
检测距离 Detection distance		5mm (凹槽宽度) 5mm (groove width)							
标准检测物体 Standard detection object		2X0.8mm 以上的不透明物体 Opaque objects above 2X0.8mm							
应差距离 Hysteresis distance		0.025mm 以下 0.025mm or less							
光源(最大发光波长) Light source (maximum luminous wavelength)		GaAs 红外发光二极管 (940nm) GaAs infrared light emitting diode (940nm)							
指示灯 *1 Indicator light	红色 Red	入光时亮灯(红色)(A型、R型为遮光时亮灯) Lights up when light is received (red) (Type A and Type R light up when light is blocked)							
	黄色 yellow	用户回路短路时亮灯 (警示) Lights up when the user circuit is short-circuited (warning)							
电源电压 Power supply voltage		DC5-24V±10% 纹波 (P-P) 10%以上 DC5-24V±10% ripple (P-P) more than 10%							
消耗电流 Consumption current		15mA 以下 (接插件型、导线引出型) Below 15mA (connector type, lead-out type)							
控制输出 Control output		NPN型:NPN开放式接插件输出DC5~24V100mA 以下, NPN type: NPN open connector output DC5~24V100mA or less,							
		残留电压0.8V以下(负载电流100mA时)、残留电压0.4V以下(负载电流4mA时)、关机电流(泄漏电流)0.5mA以下; The residual voltage is below 0.8V (when the load current is 100mA), the residual voltage is below 0.4V (when the load current is 4mA), and the shutdown current (leakage current) is below 0.5mA;							
		PNP型:PNP开放式接插件输出DC5~ 24V 50mA以下, PNP type: PNP open connector output DC5~24V below 50mA,							
		残留电压1.3V以下 (负载电流50mA时)、关机电流(泄漏电流) 0.5mA以下; Residual voltage below 1.3V (when load current is 50mA), shutdown current (leakage current) below 0.5mA;							
响应频率 *2 Response frequency		1kiz以上(电缆线引出型3KHz) 1kiz or more (cable lead type 3KHz)							
使用环境照度 Use environment illuminance		受光面照度 荧光灯:1,000x 以下 Illumination of light-receiving surface Fluorescent lamp: 1,000x or less							
环境温度范围 Ambient temperature range		工作时:-25 ~ +55℃ 保存时:-30 ~ +80℃(无结冰、结露) When working: -25 ~ +55℃ When storing: -30 ~ +80℃ (no icing or condensation)							
环境湿度范围 Environmental humidity range		工作时:5~85%RH 保存时: 5~95%RH(无结冰、结露) Working: 5~85%RH When storing: 5~95%RH (no icing or condensation)							
振动 (耐久) Vibration (durable)		20~2,000Hz(最大加速度100m/s2) 上下振幅 1.5mm x、Y、z各方向 2h (4min周期) 20~2,000Hz (maximum acceleration 100m/s2) vertical amplitude 1.5mm x, Y, z directions each 2h (4min cycle)							
冲击 (耐久) Impact (durable)		500m/s2 X、Y、z 各方向 3次 500m/s2 X, Y, z directions 3 times each							
保护 Protect		电源异接保护 负载短路保护 Power connection protection, load short-circuit protection							
连接方式 Connection method		接插件型(适配1001A 1001B 1010 1006 四种端子)、导线引出型(标准导线长1m) Connector type (suitable for 1001A 1001B 1010 1006 four types of terminals), lead-out type (standard lead length 1m)							
材质 Material	外壳 shell	ABS							
	罩盖、投、受光部: 聚碳酸酯 Cover, projection and light receiving parts: polycarbonate								

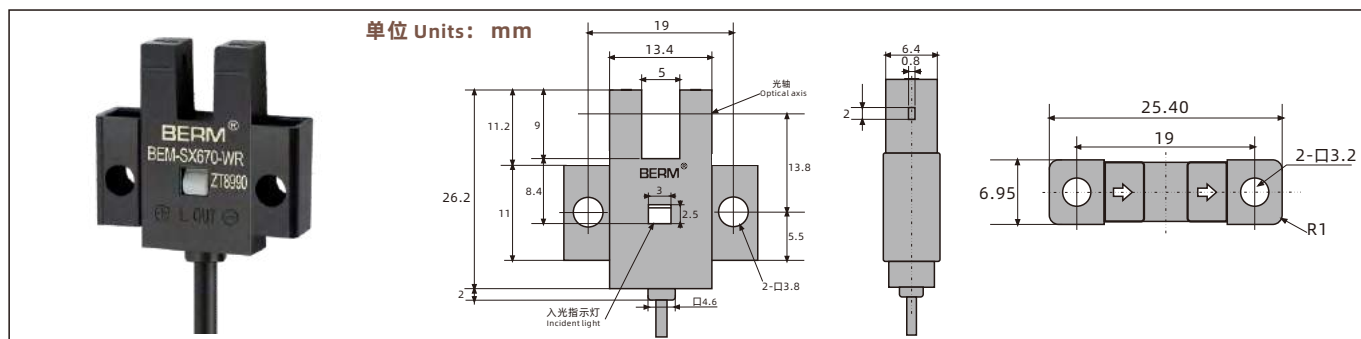
*1. Gap 红色 LED (最大发不波长690nm)
Gap red LED (maximum emission wavelength is 690nm)

*2. 响应频率的测定为旋转右图圆板时的值
The response frequency is measured as the value when the circular plate shown on the right is rotated

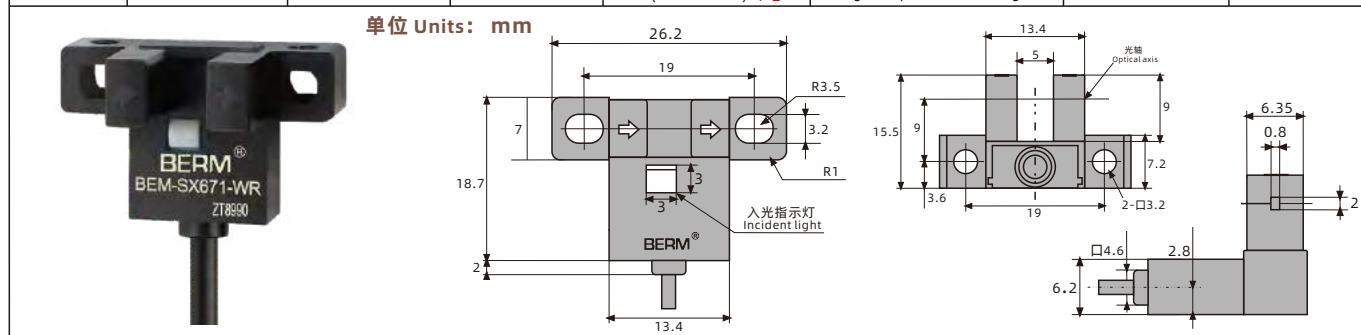


槽型光电开关系列

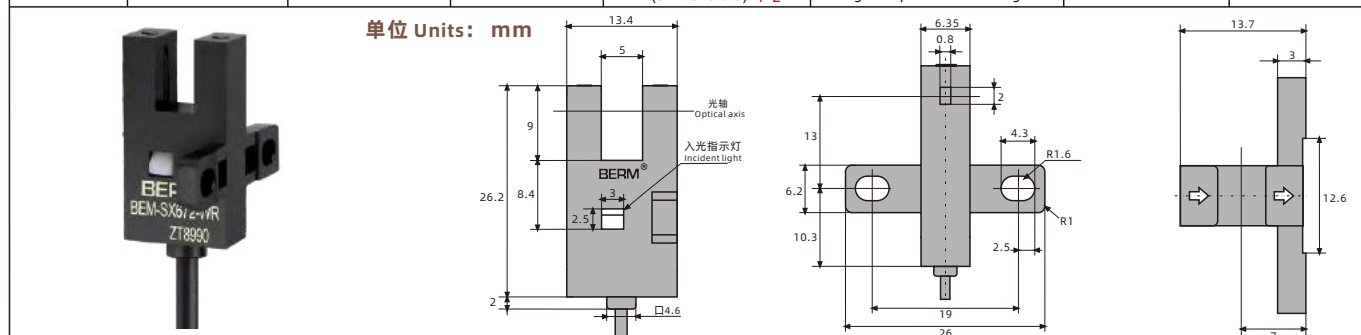
Groove photoelectric switch series



产品型号 Product model		连接方式 Connection method	检测距离 Detection distance	动作模式 Action mode	指示灯模式 Indicator light pattern	重量 weight	单价 unit price
NPN 输出 NPN output	BEM-SX670-WR	导线引出1m Lead wire leads out 1m	5mm (凹槽宽度) (红外光)	入光时ON 遮光时ON (可切换) ^{*1*2} ON when shading ON when receiving light (Switchable) ^{*1*2}	入光时亮灯 Lights up when light is received	1pcs/15.5g 10pcs/1盒(box) /185.9g	
				遮光时亮灯 Lights up when shading			
	BEM-SX470-WR			入光时ON ON when receiving light	入光时亮灯 Lights up when light is received		
PNP 输出 PNP output	BEM-SX670P-WR		5mm (groove width) (infrared light)	入光时ON 遮光时ON (可切换) ^{*1*2} ON when shading ON when receiving light (Switchable) ^{*1*2}	入光时亮灯 Lights up when light is received		
	BEM-SX670R-WR				遮光时亮灯 Lights up when shading		



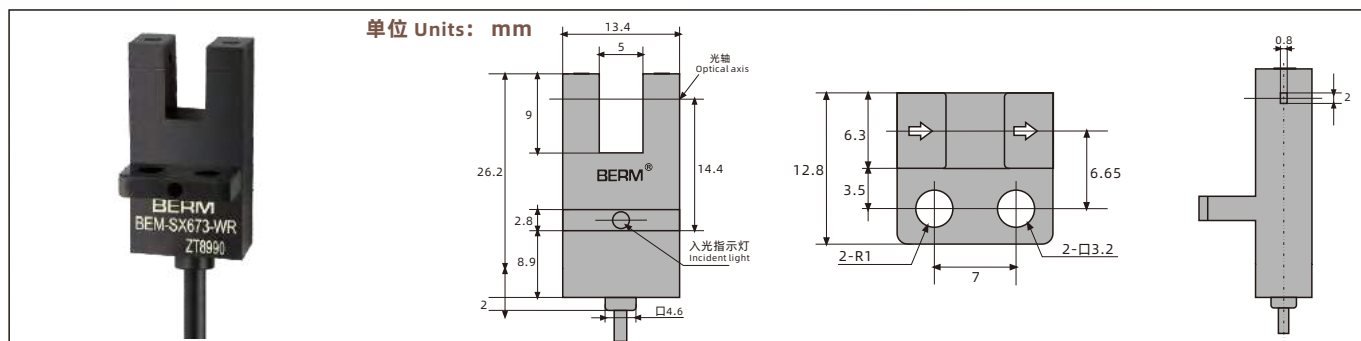
产品型号 Product model		连接方式 Connection method	检测距离 Detection distance	动作模式 Action mode	指示灯模式 Indicator light pattern	重量 weight	单价 unit price
NPN 输出 NPN output	BEM-SX671-WR	导线引出1m Lead wire leads out 1m	5mm (凹槽宽度) (红外光)	入光时ON 遮光时ON (可切换) ^{*1*2} ON when shading ON when receiving light (Switchable) ^{*1*2}	入光时亮灯 Lights up when light is received	1pcs/14.9g 10pcs/1盒(box) /180g	
	BEM-SX671A-WR			遮光时亮灯 Lights up when shading			
	BEM-SX471-WR			入光时ON ON when receiving light	入光时亮灯 Lights up when light is received		
PNP 输出 PNP output	BEM-SX671P-WR		5mm (groove width) (infrared light)	入光时ON 遮光时ON (可切换) ^{*1*2} ON when shading ON when receiving light (Switchable) ^{*1*2}	入光时亮灯 Lights up when light is received		
	BEM-SX671R-WR			遮光时亮灯 Lights up when shading			



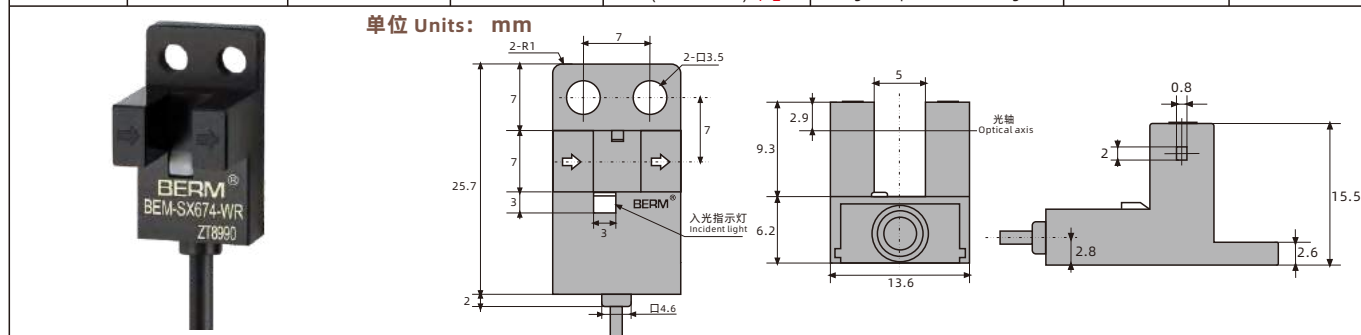
产品型号 Product model		连接方式 Connection method	检测距离 Detection distance	动作模式 Action mode	指示灯模式 Indicator light pattern	重量 weight	单价 unit price
NPN 输出 NPN output	BEM-SX672-WR	导线引出1m Lead wire leads out 1m	5mm (凹槽宽度) (红外光)	入光时ON 遮光时ON (可切换)*1*2 ON when shading ON when receiving light (Switchable)*1*2	入光时亮灯 Lights up when light is received	1pcs/15g 10pcs/1盒(box) /181.8g	
	BEM-SX672A-WR			遮光时亮灯 Lights up when shading			
	BEM-SX472-WR		入光时ON ON when receiving light	入光时亮灯 Lights up when light is received			
PNP 输出 PNP output	BEM-SX672P-WR		5mm (groove width) (infrared light)	入光时ON 遮光时ON (可切换)*1*2 ON when shading ON when receiving light (Switchable)*1*2	入光时亮灯 Lights up when light is received		
	BEM-SX672R-WR			遮光时亮灯 Lights up when shading			

槽型光电开关系列

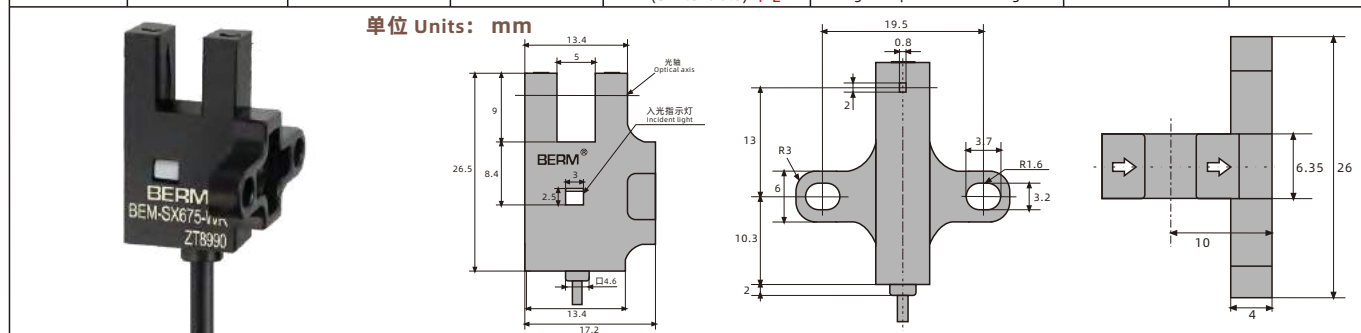
Groove photoelectric switch series



产品型号 Product model		连接方式 Connection method	检测距离 Detection distance	动作模式 Action mode	指示灯模式 Indicator light pattern	重量 weight	单价 unit price
NPN 输出 NPN output	BEM-SX673-WR	导线引出1m Lead wire leads out 1m	5mm (凹槽宽度) (红外光)	入光时ON 遮光时ON (可切换)*1*2 ON when shading ON when receiving light (Switchable)*1*2	入光时亮灯 Lights up when light is received	1pcs/15.1g 10pcs/1盒(box) /180.7g	
	BEM-SX673A-WR			入光时ON ON when receiving light	遮光时亮灯 Lights up when shading		
	BEM-SX473-WR			入光时ON ON when receiving light	入光时亮灯 Lights up when light is received		
PNP 输出 PNP output	BEM-SX673P-WR		5mm (groove width) (infrared light)	入光时ON 遮光时ON (可切换)*1*2 ON when shading ON when receiving light (Switchable)*1*2	入光时亮灯 Lights up when light is received		
	BEM-SX673R-WR			入光时ON 遮光时ON (可切换)*1*2 ON when shading ON when receiving light (Switchable)*1*2	遮光时亮灯 Lights up when shading		

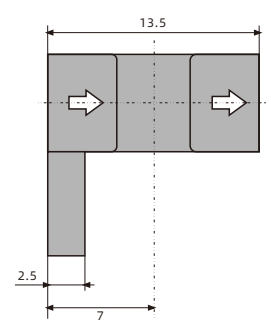


产品型号 Product model		连接方式 Connection method	检测距离 Detection distance	动作模式 Action mode	指示灯模式 Indicator light pattern	重量 weight	单价 unit price
NPN 输出 NPN output	BEM-SX674-WR	导线引出1m Lead wire leads out 1m	5mm (凹槽宽度) (红外光)	入光时ON 遮光时ON (可切换)*1*2 ON when shading ON when receiving light (Switchable)*1*2	入光时亮灯 Lights up when light is received	1pcs/15g 10pcs/1盒(box) /181.7g	
	BEM-SX674A-WR			入光时ON ON when receiving light	遮光时亮灯 Lights up when shading		
	BEM-SX474-WR			入光时ON ON when receiving light	入光时亮灯 Lights up when light is received		
PNP 输出 PNP output	BEM-SX674P-WR		5mm (groove width) (infrared light)	入光时ON 遮光时ON (可切换)*1*2 ON when shading ON when receiving light (Switchable)*1*2	入光时亮灯 Lights up when light is received		
	BEM-SX674R-WR			入光时ON 遮光时ON (可切换)*1*2 ON when shading ON when receiving light (Switchable)*1*2	遮光时亮灯 Lights up when shading		

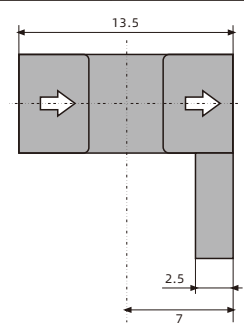


产品型号 Product model		连接方式 Connection method	检测距离 Detection distance	动作模式 Action mode	指示灯模式 Indicator light pattern	重量 weight	单价 unit price
NPN 输出 NPN output	BEM-SX675-WR	导线引出1m Lead wire leads out 1m	5mm (凹槽宽度) (红外光)	入光时ON 遮光时ON (可切换)*1*2 ON when shading ON when receiving light (Switchable)*1*2	入光时亮灯 Lights up when light is received	1pcs/15.1g 10pcs/1盒(box) /183.5g	
	BEM-SX675A-WR			入光时ON ON when receiving light	遮光时亮灯 Lights up when shading		
	BEM-SX475-WR			入光时ON ON when receiving light	入光时亮灯 Lights up when light is received		
PNP 输出 PNP output	BEM-SX675P-WR		5mm (groove width) (infrared light)	入光时ON 遮光时ON (可切换)*1*2 ON when shading ON when receiving light (Switchable)*1*2	入光时亮灯 Lights up when light is received		
	BEM-SX675R-WR			入光时ON 遮光时ON (可切换)*1*2 ON when shading ON when receiving light (Switchable)*1*2	遮光时亮灯 Lights up when shading		

Groove photoelectric switch series



产品型号 Product model		连接方式 Connection method	检测距离 Detection distance	动作模式 Action mode	指示灯模式 Indicator light pattern	重量 weight	单价 unit price
NPN 输出 NPN output	BEM-SX676-WR	导线引出1m Lead wire leads out 1m	5mm (凹槽宽度) (红外光)	入光时ON 遮光时ON (可切换)*1*2	入光时亮灯 Lights up when light is received	1pcs/13.5g 10pcs/1盒(box) /166.8g	
	ON when shading ON when receiving light (Switchable)*1*2			遮光时亮灯 Lights up when shading			
	BEM-SX476-WR		入光时ON ON when receiving light	入光时亮灯 Lights up when light is received			
PNP 输出 PNP output	BEM-SX676P-WR	5mm (groove width) (infrared light)	入光时ON 遮光时ON (可切换)*1*2	入光时亮灯 Lights up when light is received			
	BEM-SX676R-WR		ON when shading ON when receiving light (Switchable)*1*2	遮光时亮灯 Lights up when shading			



产品型号 Product model		连接方式 Connection method	检测距离 Detection distance	动作模式 Action mode	指示灯模式 Indicator light pattern	重量 weight	单价 unit price	
NPN 输出 NPN output	BEM-SX677-WR	导线引出1m Lead wire leads out 1m	5mm (凹槽宽度) (红外光)	入光时ON 遮光时ON (可切换)*1*2	入光时亮灯 Lights up when light is received	1pcs/12.6g 10pcs/1盒(box) /162.8g		
	ON when shading ON when receiving light (Switchable)*1*2			遮光时亮灯 Lights up when shading				
	BEM-SX477-WR		入光时ON ON when receiving light	入光时亮灯 Lights up when light is received				
PNP 输出 PNP output	BEM-SX677P-WR	5mm (groove width) (infrared light)	入光时ON 遮光时ON (可切换)*1*2	入光时亮灯 Lights up when light is received				
	BEM-SX677R-WR		ON when shading ON when receiving light (Switchable)*1*2	遮光时亮灯 Lights up when shading				

- *1.** 如开放 (L) , 则动作模式为遮光时 ON; 如使 (L) 端子和 (+) 端子短路, 则动作模式为入光时 ON。但是, 遮光时 ON 的情况下, 请勿使 L 端子 0V 短路。
- *2.** 使用 BEM-1006、BEM-1010 系列的带导线接插件时, 如不使用 (L) 端子 (②粉色或白色), 因有可能受干扰的影响, 请将不使用的 (L) 端子线从接插件根部切断, 缠上绝缘胶带等使其不接触其他端子。
- *1.** If it is open (L), the action mode is ON when the light is blocked; if the (L) terminal and the (+) terminal are short-circuited, the action mode is ON when the light is received. However, when the light is turned on, Do not short-circuit the L terminal 0V.
- *2.** When using the BEM-1006, BEM-1010 series of connectors with wires, if you do not use the (L) terminal (②pink or white), it may be affected by interference, so please do not use it. The (L) terminal wire is cut from the root of the connector and wrapped with insulating tape so that it does not touch other terminals.

槽型光电开关系列

Groove photoelectric switch series

输入输出段回路图 Input and output circuit diagram

NPN 输出 NPN output

型号 Model number	动作模式 Action mode	时序图 Timing diagram	连接端子 Connection terminal	输出回路 Output circuit
BEM-SX67□	入光时ON ON when receiving light	入光时 When light is received 遮光时 When shading 入光指示灯 (红色) Light incident indicator (red) 亮灯 Light up 熄灯 Lights out 输出晶体管 Output transistor ON OFF 负载 (继电器等) Load (relay, etc.) 动作 action 复位 Reset	(L) ~ (+) 间 短路时 (L) ~ (+) between When short-circuited	
BEM-SX67□-WR	遮光时ON ON when shading	入光时 When light is received 遮光时 When shading 入光指示灯 (红色) Light incident indicator (red) 亮灯 Light up 熄灯 Lights out 输出晶体管 Output transistor ON OFF 负载 (继电器等) Load (relay, etc.) 动作 action 复位 Reset	(L) ~ (+) 间 开放时 (L) ~ (+) between When open	
BEM-SX67□A	入光时ON ON when receiving light	入光时 When light is received 遮光时 When shading 入光指示灯 (红色) Light incident indicator (red) 亮灯 Light up 熄灯 Lights out 输出晶体管 Output transistor ON OFF 负载 (继电器等) Load (relay, etc.) 动作 action 复位 Reset	(L) ~ (+) 间 短路时 (L) ~ (+) between When short-circuited	
BEM-SX67□A-WR	遮光时ON ON when shading	入光时 When light is received 遮光时 When shading 入光指示灯 (红色) Light incident indicator (red) 亮灯 Light up 熄灯 Lights out 输出晶体管 Output transistor ON OFF 负载 (继电器等) Load (relay, etc.) 动作 action 复位 Reset	(L) ~ (+) 间 开放时 (L) ~ (+) between When open	
BEM-SX47□ BEM-SX47□-WR	入光时ON ON when receiving light	入光时 When light is received 遮光时 When shading 入光指示灯 (红色) Light incident indicator (red) 亮灯 Light up 熄灯 Lights out 输出晶体管 Output transistor ON OFF 负载 (继电器等) Load (relay, etc.) 动作 action 复位 Reset		

槽型光电开关系列

Groove photoelectric switch series

输入输出段回路图 Input and output circuit diagram

PNP 输出 PNP output

型号 Model number	动作模式 Action mode	时序图 Timing diagram	连接端子 Connection terminal	输出回路 Output circuit
BEM-SX67□ P	入光时ON ON when receiving light	入光时 When light is received 遮光时 When shading 入光指示灯 (红色) Light incident indicator (red) 亮灯 Light up 熄灯 Lights out 输出晶体管 Output transistor ON OFF 负载 (继电器等) Load (relay, etc.) 动作 action 复位 Reset	(L) ~ (+) 间 短路时 (L) ~ (+) between When short-circuited	
BEM-SX67□P-WR	遮光时ON ON when shading	入光时 When light is received 遮光时 When shading 入光指示灯 (红色) Light incident indicator (red) 亮灯 Light up 熄灯 Lights out 输出晶体管 Output transistor ON OFF 负载 (继电器等) Load (relay, etc.) 动作 action 复位 Reset	(L) ~ (+) 间 开放时 (L) ~ (+) between When open	
BEM-SX67□ R	入光时ON ON when receiving light	入光时 When light is received 遮光时 When shading 入光指示灯 (红色) Light incident indicator (red) 亮灯 Light up 熄灯 Lights out 输出晶体管 Output transistor ON OFF 负载 (继电器等) Load (relay, etc.) 动作 action 复位 Reset	(L) ~ (+) 间 短路时 (L) ~ (+) between When short-circuited	
BEM-SX67□R-WR	遮光时ON ON when shading	入光时 When light is received 遮光时 When shading 入光指示灯 (红色) Light incident indicator (red) 亮灯 Light up 熄灯 Lights out 输出晶体管 Output transistor ON OFF 负载 (继电器等) Load (relay, etc.) 动作 action 复位 Reset	(L) ~ (+) 间 开放时 (L) ~ (+) between When open	
BEM-SX47□ P	入光时ON ON when receiving light	入光时 When light is received 遮光时 When shading 入光指示灯 (红色) Light incident indicator (red) 亮灯 Light up 熄灯 Lights out 输出晶体管 Output transistor ON OFF 负载 (继电器等) Load (relay, etc.) 动作 action 复位 Reset	(L) ~ (+) 间 短路时 (L) ~ (+) between When short-circuited	

槽型光电开关系列

Groove photoelectric switch series

附件额定值/性能 Attachment rating/performance

品名 Product name	带导线的 接插件*1 Connector with lead*1	带耐弯折导线的 接插件*1 Connector with bend-resistant wire*1	接插件 Connector	接插件*2 ((+)端子与L端子短路) Connector*2 ((+) terminal and L terminal are short-circuited)	带导线的 接插件 Connectors with wires
型号 Model number	BEM-1010	BEM-1010-R	BEM-1001	BEM-1001-1	BEM-1006
形状 shape					
接触电阻 Contact resistance	20m Ω 以下 (20mV 以下、100mA 以下) 20m Ω or less (20mV or less, 100mA or less)		15m Ω 以下 (DC100V 以下) 15m Ω or less (DC100V or less)		10m Ω 以下 (DC100V 以下) 10m Ω or less (DC100V or less)
插拔耐久 Plug and play durability	50次以上 50 times or more				
插入力 Insertion force	极数 X6N 以下 Number of poles X6N or less		50N 以下 50N or less		
插去力(罩盖保持力) Insertion force (cap retention force)	极数 X0.4N 以下 Number of poles X0.4N or less				20N 以下 20N or less
标准导线长 Standard wire length	2m				2m
锁定强度 Lock strength	极数 X29N 以下 Number of poles X29N or less				
环境温度范围 Ambient tem perature range	-10~+60℃		-10~+75℃		-10~+60℃
材质 Material	罩盖 Cover cap	聚对苯二甲酸丁二醇酯 Polybutylene terephthalate			
	接触点 Contact point	磷青铜（焊铝电镀处理） Phosphor bronze (welded aluminum electroplating treatment)			
所适合的 微型光电传感器 Suitable for Miniature photoele ctric sensor	BEM-SX67□ (A、P、R)				
重量 weight					
单价 unit price					

*1.内有锁定结构，所以从传感器上取下接插件时，要如右图上下捏紧接插件本体，并用力拉。

*2.最适合于在入光时 ON 的条件下使用：BEM-SX67 □。

*1. There is a locking structure inside, so when removing the connector from the sensor, pinch the connector body up and down as shown in the figure on the right, and pull it firmly.

*2. Most suitable for use under the condition that the light is ON: BEM-SX67 □.

宽幅型槽型对射系列

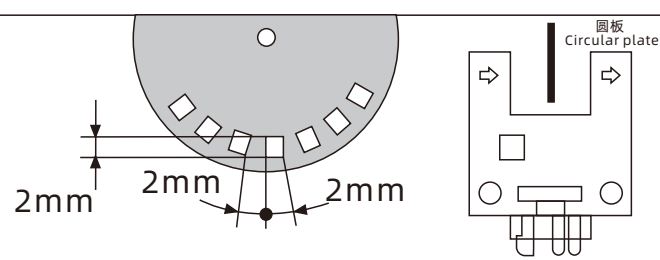
Wide-width groove type correlation series



- 凹槽宽度达13mm，具备出色的抗光源干扰和抗噪声能力；
- 抗噪声能力相当于带内置放大器的微型光电传感器；
- 抗共态噪声能力为以外型号的30倍以上；
- 抗变频器噪声能力为以外型号的10倍以上；
- 内置极性反接保护电路；
- The groove width is up to 13mm, with excellent anti-light source interference and anti-noise ability;
- Noise immunity equivalent to miniature photoelectric sensors with built-in amplifiers;
- The anti-common-mode noise capability is more than 30 times that of other models;
- The anti-noise ability of frequency converter is more than 10 times that of other models;
- Built-in polarity reverse protection circuit;

项目型号 Item Model		BEM-SPX303N/403N
检测距离 Detect distance		13mm（凹槽宽度） 13mm (groove width)
标准检测物体 Standard detection objects		2.2*0.5mm 以上的不透明物体 Opaque objects above 2.2*0.5mm
应差距离 Item Model		0.05mm 以下 Below 0.05mm
光源（最大发光波长） Light source (maximum emission wavelength)		峰值波长为 940mm 的红外发光二极管（脉冲灯亮） Infrared LED with peak wavelength of 940mm (pulse light on)
指示灯 indicator light		入光时亮灯（红色） Lights up when receiving light (red)
电源电波 Power wave		DC12V~24V±10% 波动（P-P）5% 以下 DC12V~24V±10% Fluctuation (P-P) 5% or less
消耗电流 Iconsumption current		15mA 以下 15mA or less
控制输出 control output		NPN 电压输出，负载电源电压 DC12V~24V、 NPN voltage output, load power supply voltage DC12V~24V, 负载电流 80mA 以下，关机电流 0.5mA 以下 Load current below 80mA, shutdown current below 0.5mA 残留电压 2.0V 以下（负载电流 80mA 时） Residual voltage 2.0V or less (when load current is 80mA) 残留电压 1.0V 以下（负载电流 10mA 时） Residual voltage 1.0V or less (at load current 10mA)
响应频率 response frequency		100Hz 以上 Above 100Hz
使用环境照度 Use Ambient illumination		受光面照度 白炽灯、太阳光：各 3000lx 以下 Illumination of the light-receiving surface Incandescent lamp, sunlight: each 3000lx or less
环境温度范围 Ambient temperature range		工作时：-10~+55℃、保存时：-25~+65℃ Working: -10~+55℃, Storage: -25~+65℃
环境湿度范围 Ambient humidity range		工作时：5~+85%RH、保存时：5~+95RH When working: 5~+85%RH, when saving: 5~+95RH
震动（耐久） Vibration (durable)		10~55Hz，上下振幅 1.5mmX、Y、Z 各方向 2h 10~55Hz, up and down amplitude 1.5mm X, Y, Z directions for 2h
冲击（耐久） Shock (durable)		500m/s2 X、Y、Z 各方向 2h 500m/s2 X, Y, Z directions for 2h
保护结构 protection structure		IEC 规格 Ip50 IEC specification Ip50
连接方式 Connection method		导线引出型（标准导线长） Lead-out type (standard lead length)
质量 quality		4克 4g
材质 material	外壳 enclosure	聚碳酸酯（PC） polycarbonate(PC)
	夹具部 Fixture section	

*. 响应频率测定的是旋转下图圆板时的值。
*. The response frequency is measured when the circular plate shown in the figure below is rotated.



宽幅型槽型对射系列

Wide-width groove type correlation series

输入输出段回路图 Input and output circuit diagram

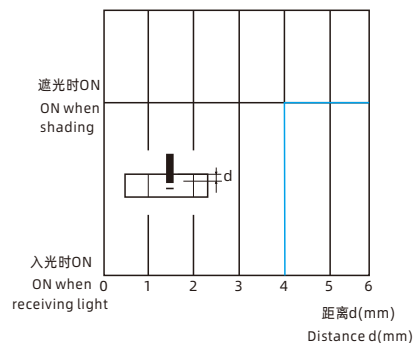
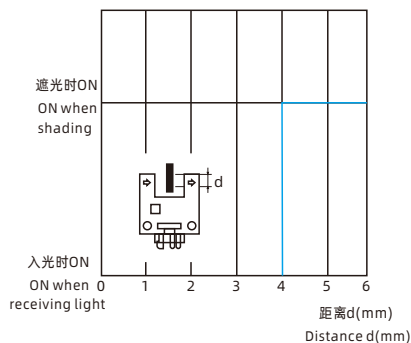
NPN 输出 NPN output

型号 Model number	动作模式 Action mode	时序图 Timing diagram	输出回路 Output circuit
BEM-SPX303N	入光时ON ON when receiving light	入光时 When light is received 遮光时 When shading 入光指示灯 (红色) Light incident indicator (red) 亮灯 Light up 熄灯 Lights out 输出晶体管 Output transistor ON OFF 动作 action 复位 Reset 负载 (继电器等) Load (relay, etc.) H L	
BEM-SPX403N	遮光时ON ON when shading	入光时 When light is received 遮光时 When shading 入光指示灯 (红色) Light incident indicator (red) 亮灯 Light up 熄灯 Lights out 输出晶体管 Output transistor ON OFF 动作 action 复位 Reset 负载 (继电器等) Load (relay, etc.) H L	

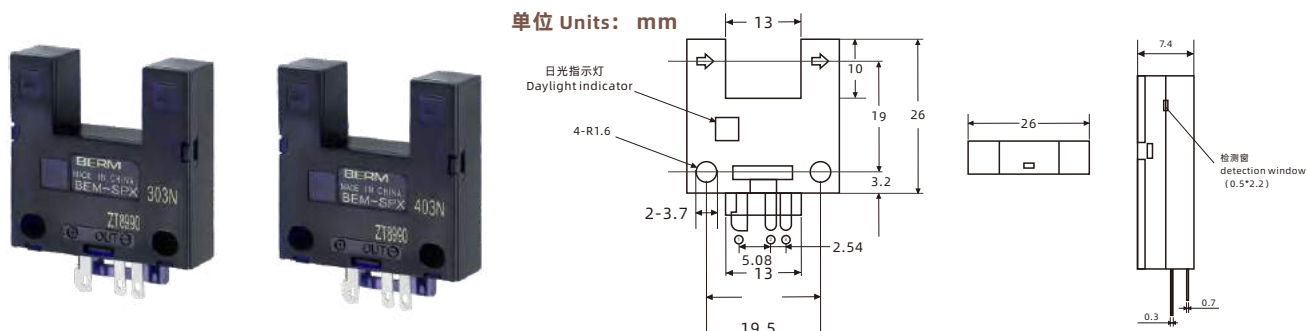
特性曲线 (代表例) Characteristic curve (representative example)

检测位置特性 Detect positional characteristics

BEM-SPX303N



外形尺寸 External dimensions

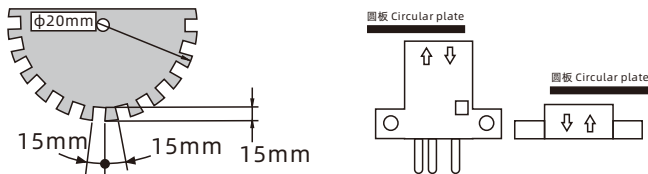


传感方式 Sensing method	输出状态 output status	连接方式 Connection method	传感距离 (凹槽宽) Sensing distance (groove width)	动作模式 Action mode	产品型号 Product model	重量 Weight	单价 unit price
对射型 (凹槽型) Through-beam type (groove type)	NPN 输出 NPN output	导线引出型 (标准导线长) Wire lead type (standard wire length)	13mm (凹槽宽度) 13mm (groove width)	遮光时ON ON when light is blocked	BEM-SPX303N	1PCS/3.1g 20PCS/1盒 (BOX) 103.4g	
				入光时ON ON when shading	BEM-SPX403N	1PCS/3.6g 20PCS/1盒 (BOX) 105g	

红外光反射型系列
 Infrared light reflection series

			■ 电源电压达 DC5~24V 的大量程电压输出型； ■ 带有易于调整的光轴标识； ■ 带有便于调整及动作确认的入光指示灯； ■ Large-scale voltage output type with power supply voltage of DC5~24V; ■ With easy-to-adjust optical axis markings; ■ With light incident indicator light for easy adjustment and action confirmation;
项目型号 Item Model	BEM-SPY301		BEM-SPY311
	BEM-SPY401		BEM-SPY411
	BEM-SPY302		BEM-SPY312
	BEM-SPY402		BEM-SPY412
检测距离 Detect distance	5mm（反射率 90% 15*15mm 白纸） 5mm (reflectivity 90% 15*15mm white paper)		2~5mm（反射率 90% 15*15mm 白纸） 2~5mm (reflectivity 90% 15*15mm white paper)
标准检测物体 Standard detection objects	-----		最小检测物体 Φ0.05mm 铜线 Minimum detection object Φ0.05mm copper wire
应差距离 Item Model	0.2mm（检测距离 3mm、横向）以下 0.2mm (detection distance 3mm, lateral) or less		
光源（最大发光波长） Light source (maximum emission wavelength)	GaAs 红外发光二极管（脉冲灯亮）（940nm） GaAs infrared light emitting diode (pulse light on) (940nm)		
指示灯 indicator light	入光时亮灯（红色） Lights up when receiving light (red)		
电源电波 Power wave	DC5V~24V±10% 波动（P-P）5% 以下 DC5V~24V±10% Fluctuation (P-P) 5% or less		
消耗电流 Iconsumption current	平均值 15mA 以下、最大值 50mA 以下 Average value 15mA or less, maximum value 50mA or less		
控制输出 control output	NPN 电压输出，负载电源电压 DC5V~24V、 NPN voltage output, load power supply voltage DC5V~24V, 负载电流 80mA 以下，关机电流 0.5mA 以下 Load current below 80mA, shutdown current below 0.5mA 残留电压 1.0V 以下（负载电流 80mA 时） Residual voltage 1.0V or less (when load current is 80mA) 残留电压 0.4V 以下（负载电流 10mA 时） Residual voltage 0.4V or less (at load current 10mA)		
响应频率 response frequency	100Hz 以上 Above 100Hz		
使用环境照度 Use Ambient Illumination	受光面照度 白炽灯、太阳光：各 3000lx 以下 Illumination of the light-receiving surface Incandescent lamp, sunlight: each 3000lx or less		
环境温度范围 Ambient temperature range	工作时：-10~+55℃、保存时：-25~+65℃ Working: -10~+55℃, Storage: -25~+65℃		
环境湿度范围 Ambient humidity range	工作时：5~+85%RH、保存时：5~+95RH When working: 5~+85%RH, when saving: 5~+95RH		
震动（耐久） Vibration (durable)	10~55Hz，上下振幅 1.5mmX、Y、Z 各方向 2h 10~55Hz, up and down amplitude 1.5mm X, Y, Z directions for 2h		
冲击（耐久） Shock (durable)	500m/s ² X、Y、Z 各方向 2h 500m/s ² X, Y, Z directions for 2h		
保护结构 protection structure	IEC 规格 Ip50 IEC specification Ip50		
连接方式 Connection method	接插件型（不可焊接） Connector type (not solderable)		
质量 quality	约2.6克 about 2.6g		
材质 material	外壳 enclosure	聚碳酸酯(PC) polycarbonate(PC)	
	夹具部 Fixture section	聚苯二甲酸丁二醇酯(PBT) Polybutylene phthalate(PBT)	

* 响应频率测定的是旋转下图圆板时的值。
 * The response frequency is measured when the circular plate shown in the figure below is rotated.



红外光反射型系列 Infrared light reflection series

输入输出段回路图 Input and output circuit diagram

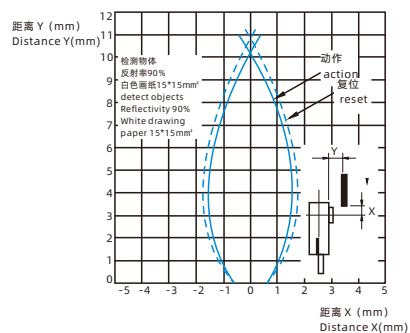
NPN 输出 NPN output

型号 Model number	动作模式 Action mode	时序图 Timing diagram	输出回路 Output circuit
BEM-SPY401 BEM-SPY402 BEM-SPY411 BEM-SPY412	入光时ON ON when receiving light	入光时 When light is received 遮光时 When shading 入光指示灯 (红色) Light incident indicator (red) 亮灯 Light up 熄灯 Lights out 输出晶体管 Output transistor ON OFF 动作 action 复位 Reset H L 负载 (继电器等) Load (relay, etc.)	
BEM-SPY301 BEM-SPY302 BEM-SPY311 BEM-SPY312	遮光时ON ON when shading	入光时 When light is received 遮光时 When shading 入光指示灯 (红色) Light incident indicator (red) 亮灯 Light up 熄灯 Lights out 输出晶体管 Output transistor ON OFF 动作 action 复位 Reset H L 负载 (继电器等) Load (relay, etc.)	

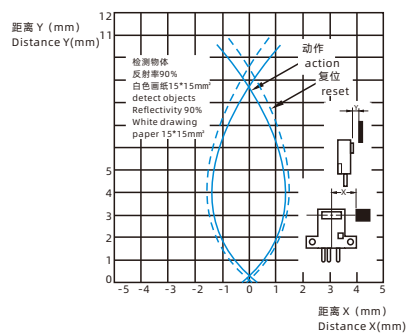
特性数据 (参考值) Characteristic data (reference value)

动作区域特性 Action area properties

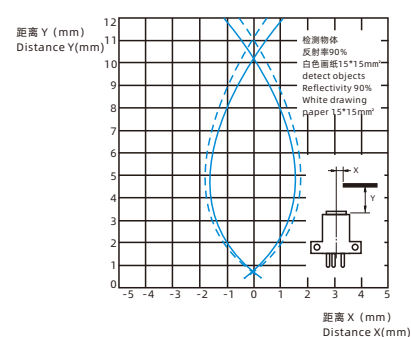
BEM-SPY301/BEM-SPY401



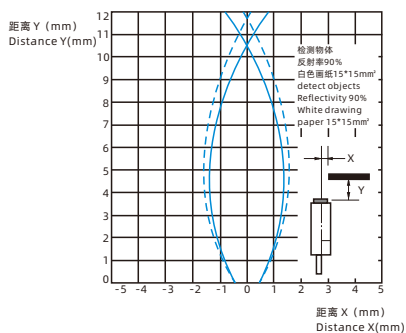
BEM-SPY301/BEM-SPY401



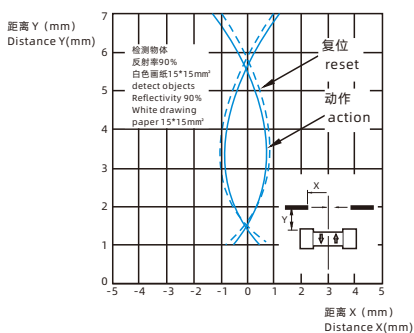
BEM-SPY302/BEM-SPY402



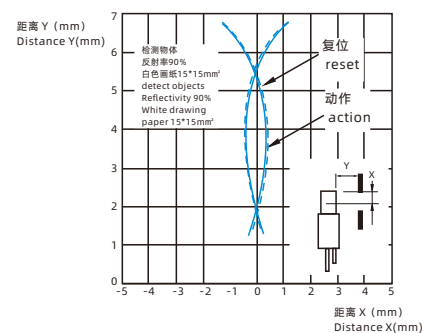
BEM-SPY302/BEM-SPY402



BEM-SPY311/BEM-SPY411



BEM-SPY311/BEM-SPY411

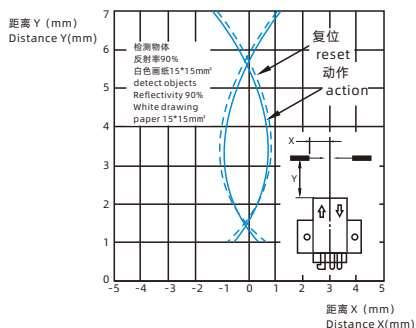


红外光反射型系列 Infrared light reflection series

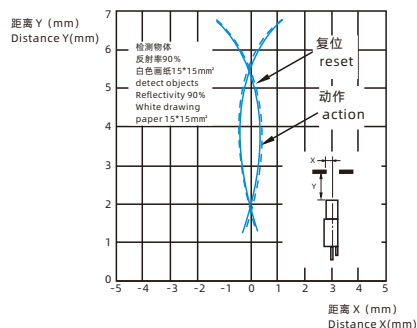
特性数据（参考值） Characteristic data (reference value)

动作区域特性 Action area properties

BEM-SPY311/BEM-SPY411

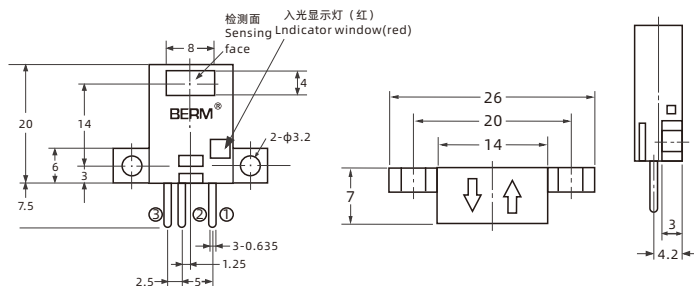


BEM-SPY311/BEM-SPY411



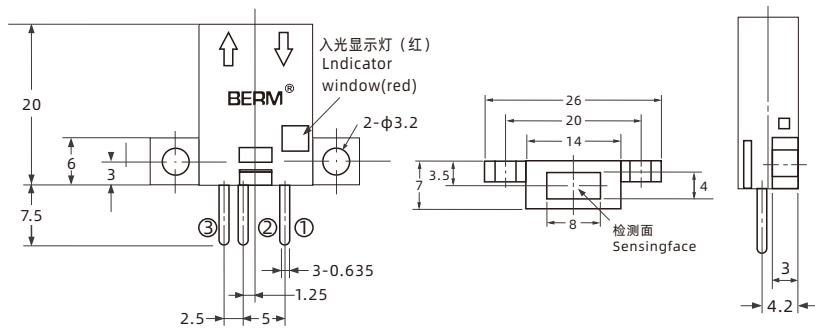
外形尺寸 External dimensions 单位 Units: mm

单位 Units: mm



传感方式 Sensing method	输出状态 output status	连接方式 Connection method	检测距离 Detection distance	动作模式 Action mode	产品型号 Product model	重量 Weight	单价 unit price
反射型 reflection type	NPN 输出 NPN output	接插件型 (不可焊接) Connector type (not solderable)	5mm (红外光) 5mm (infrared light)	遮光时ON ON when light is blocked	BEM-SPY301	1PCS/2.1g 20PCS/1盒 (BOX) 77.6g	
				入光时ON ON when shading	BEM-SPY401	1PCS/2.2g 20PCS/1盒 (BOX) 77g	

单位 Units: mm



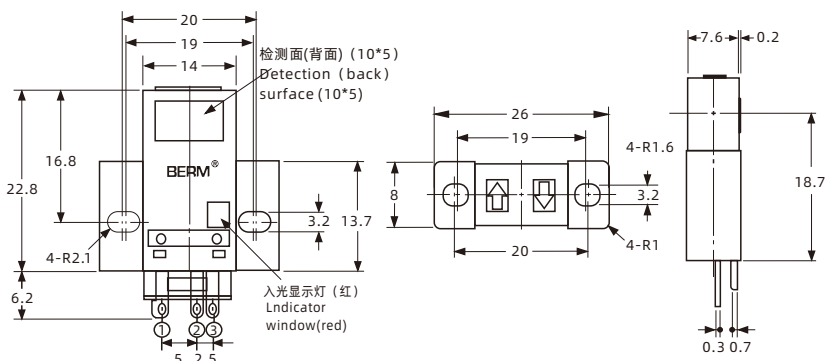
传感方式 Sensing method	输出状态 output status	连接方式 Connection method	检测距离 Detection distance	动作模式 Action mode	产品型号 Product model	重量 Weight	单价 unit price
反射型 reflection type	NPN 输出 NPN output	接插件型 (不可焊接) Connector type (not solderable)	5mm (红外光) 5mm (infrared light)	遮光时ON ON when light is blocked	BEM-SPY302	1PCS/2g 20PCS/1盒 (BOX) 77.4g	
				入光时ON ON when shading	BEM-SPY402	1PCS/2g 20PCS/1盒 (BOX) 76.8g	

红外光反射型系列

Infrared light reflection series

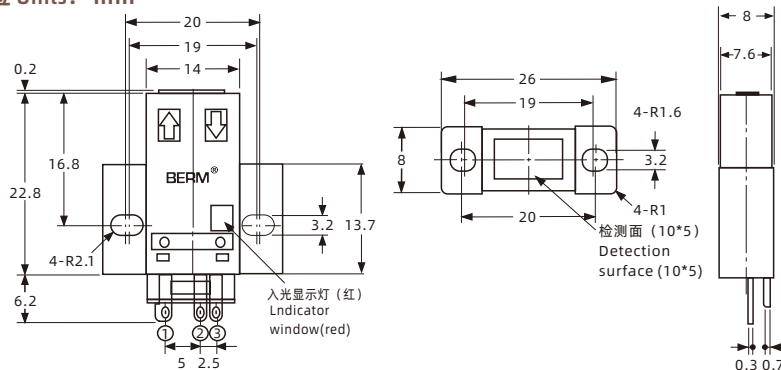
外形尺寸 External dimensions

单位 Units: mm



传感方式 Sensing method	输出状态 output status	连接方式 Connection method	检测距离 Detection distance	动作模式 Action mode	产品型号 Product model	重量 Weight	单价 unit price
限定反射型 limit reflection type	NPN 输出 NPN output	接插件型 (不可焊接) Connector type (not solderable)	2~5mm (红外光) 2~5mm (infrared light)	遮光时ON ON when light is blocked	BEM-SPY311	1PCS/3.2g 20PCS/1盒 (BOX) 97g	
				入光时ON ON when shading	BEM-SPY411	1PCS/3g 20PCS/1盒 (BOX) 96.3g	

单位 Units: mm



传感方式 Sensing method	输出状态 output status	连接方式 Connection method	检测距离 Detection distance	动作模式 Action mode	产品型号 Product model	重量 Weight	单价 unit price
限定反射型 limit reflection type	NPN 输出 NPN output	接插件型 (不可焊接) Connector type (not solderable)	2~5mm (红外光) 2~5mm (infrared light)	遮光时ON ON when light is blocked	BEM-SPY312	1PCS/3.2g 20PCS/1盒 (BOX) 101g	
				入光时ON ON when shading	BEM-SPY412	1PCS/3.3g 20PCS/1盒 (BOX) 100g	

霍尔传感器系列

Hall sensor series



NJK - 5 0 0 1 C 霍尔传感器/Hall sensor

贝尔美霍尔
传感器代号
Bellme Hall
sensor code
name

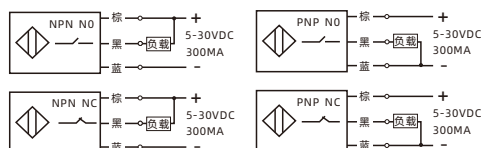
外形序号
Shape number

外形体积
Shape volume

C: NPN 常开/NO
D: NPN 常闭/NC
A: PNP 常开/NO
B: PNP 常开/NC

01: 外形直径 $\phi 08\text{mm}$
02: 外形直径 $\phi 12\text{mm}$
03: 外形直径 $\phi 18\text{mm}$
01: Outline diameter $\phi 08\text{mm}$
02: Outline diameter $\phi 12\text{mm}$
03: Outline diameter $\phi 18\text{mm}$

接线图 Wiring diagram



产品尺寸图(毫米) Product size chart(mm)

产品参数/Product parameter

产品型号 Product model	NJK-5001C	NJK-5001D	NJK-5001A	NJK-5001B
电源电压 voltage	5-30VDC			
输出形式 Output form	NPN NO	NPN NC	PNP NO	PNP NC
检测距离 Detection distance	10mm $\pm 10\%$			
检测物体 Detect object	磁铁 Magnet			
响应频率 Response frequency	100KHZ			
负载电流 Load current	300MA			
消耗电流 Consumption current	13MA以下 Below 13MA			
输出压降 Output pressure drop	$\leq 1.5\text{VDC}$			
绝缘电阻 Insulation resistance	$> 50\text{MQ}2$			
输出指示 Output indication	LED (红)			
产品材质 product material	(外壳:黄铜镀镍) (检测面: ABS) (Housing: nickel-plated brass) (Detection surface: ABS)			
外接引线 External lead	1.2 米(标准, 另可按客户要求订做) 1.2 meters (standard, can also be customized according to customer requirements)			
防护等级 Protection level	IP 67			
工作温度 Operating temperature	$-25^{\circ}\text{C} - +75^{\circ}\text{C}$			
重量 weight	1pcs/0.037kg 10pcs/1盒(box) 0.449kg			
单价 unit price				

霍尔传感器系列

Hall sensor series



NJK - 5 0 0 2 C 霍尔传感器/Hall sensor

贝尔美霍尔
传感器代号
Bellme Hall
sensor code
name

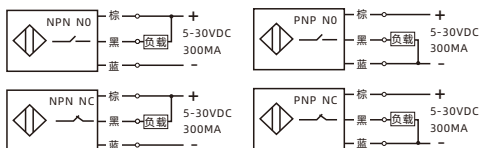
外形序号
Shape number

外形体积
Shape volume

C: NPN 常开/NO
D: NPN 常闭/NC
A: PNP 常开/NO
B: PNP 常开/NC

01: 外形直径 $\phi 08\text{mm}$
02: 外形直径 $\phi 12\text{mm}$
03: 外形直径 $\phi 18\text{mm}$
01: Outline diameter $\phi 08\text{mm}$
02: Outline diameter $\phi 12\text{mm}$
03: Outline diameter $\phi 18\text{mm}$

接线图 Wiring diagram



产品尺寸图(毫米) Product size chart(mm)

产品参数/Product parameter

产品型号 Product model	NJK-5002C	NJK-5002D	NJK-5002A	NJK-5002B
电源电压 voltage	5-30VDC			
输出形式 Output form	NPN NO	NPN NC	PNP NO	PNP NC
检测距离 Detection distance	10mm $\pm 10\%$			
检测物体 Detect object	磁铁 Magnet			
响应频率 Response frequency	100KHZ			
负载电流 Load current	300MA			
消耗电流 Consumption current	13MA以下 Below 13MA			
输出压降 Output pressure drop	$\leq 1.5\text{VDC}$			
绝缘电阻 Insulation resistance	$> 50\text{MQ}2$			
输出指示 Output indication	LED (红)			
产品材质 product material	(外壳:黄铜镀镍) (检测面: ABS) (Housing: nickel-plated brass) (Detection surface: ABS)			
外接引线 External lead	1.2 米(标准, 另可按客户要求订做) 1.2 meters (standard, can also be customized according to customer requirements)			
防护等级 Protection level	IP 67			
工作温度 Operating temperature	$-25^{\circ}\text{C} - +75^{\circ}\text{C}$			
重量 weight	1pcs/0.046kg 10pcs/1盒(box) 0.528kg			
单价 unit price				

霍尔传感器系列
Hall sensor series



NJK - 5 0 0 3 C 霍尔传感器/Hall sensor

贝尔美霍尔
传感器代号
Bellme Hall
sensor code
name

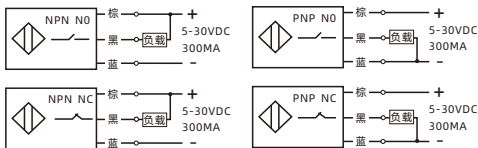
外形序号
Shape number

外形体积
Shape volume

C: NPN 常开/NO
D: NPN 常闭/NC
A: PNP 常开/NO
B: PNP 常开/NC

01: 外形直径 $\phi 08\text{mm}$
02: 外形直径 $\phi 12\text{mm}$
03: 外形直径 $\phi 18\text{mm}$
01: Outline diameter $\phi 08\text{mm}$
02: Outline diameter $\phi 12\text{mm}$
03: Outline diameter $\phi 18\text{mm}$

接线图 Wiring diagram



产品尺寸图(毫米) Product size chart(mm)

产品参数/Product parameter

产品型号 Product model	NJK-5003C	NJK-5003D	NJK-5003A	NJK-5003B
电源电压 voltage	5-30VDC			
输出形式 Output form	NPN NO	NPN NC	PNP NO	PNP NC
检测距离 Detection distance	10mm $\pm 10\%$			
检测物体 Detect object	磁铁 Magnet			
响应频率 Response frequency	100KHZ			
负载电流 Load current	300MA			
消耗电流 Consumption current	13MA以下 Below 13MA			
输出压降 Output pressure drop	$\leq 1.5\text{VDC}$			
绝缘电阻 Insulation resistance	$> 50\text{MQ}2$			
输出指示 Output indication	LED (红)			
产品材质 product material	(外壳:黄铜镀镍) (检测面: ABS) (Housing: nickel-plated brass) (Detection surface: ABS)			
外接引线 External lead	1.2 米(标准, 另可按客户要求订做) 1.2 meters (standard, can also be customized according to customer requirements)			
防护等级 Protection level	IP 67			
工作温度 Operating temperature	$-25^{\circ}\text{C} - +75^{\circ}\text{C}$			
重量 weight	1pcs/0.075kg 10pcs/1盒(box) 0.834kg			
单价 unit price				

放纤放大器系列

Fiber Amplifier Series



型号 model number	BEM-N18N		类型 type	标准1输出 Standard 1 output	电缆 cable
主单元/扩展单元 Main unit/extension unit	NPN		输出型 output type	主模块（不可扩充） Main module (not expandable)	
控制输出 control output	1路输出 1 channel output				
	NPN集电极开路24V或更小、最大电流100mA或更小、残留电压1V或更低 NPN open collector 24V or less, maximum current 100mA or less, residual voltage 1V or less				
响应时间 Response time	50 μs(HIGH SPEED)/250 μs (FINE)/500 μs (TURBO)/1 ms (SUPER)/4 ms (ULTRA)/16ms (MEGA)				
监视器输出（1-5V） Monitor output (1-5V)			外部输入 external input		
输出切换 output switching	Light-ON/Dark-ON 切换 Light-ON/Dark-ON switching		光源 light source	红色4元素LED(波长:630nm) Red 4-element LED (wavelength: 630nm)	
计时器功能 Timer function			抗干扰单元数据 Anti-jamming unit data	0台 (不支持干涉防止功能) 0 units (interference prevention function not supported)	
外壳尺寸 Shell size	30.3mm(H)*9.8mm(W)*71.8mm(L)		增设扩展单元 Add expansion unit	不支持 not support	
保护电路 protect the circuit	逆电源连接保护、输出过电流保护和、输出电涌保护 Reverse power connection protection, output overcurrent protection and, output surge protection				
额定 rated	电源电压 supply voltage	12 至 24 VDC±10%、纹波（P-P）10%以下 12 to 24 VDC±10%, ripple (P-P) 10% or less			
额定 rated	电流消耗 current drain	正常：最大630mW / Normal: 630mW max (24V时, 最大 26mA; 12V时, 最大 34 mA)'1 / (At 24V, max. 26mA; At 12V, max. 34 mA)'1 节能模式(AII): 最大560mW / Energy Saver Mode (AII): 560mW max (24V时, 最大23mA; 12时, 最大 28mA)'1 / (24V, max. 23mA; 12, max. 28mA)'1 全节能模式: 最大380mW / Full power saving mode: max 380mW (24V时, 最大 15 mA: 12V时, 最大 19mA / (15 mA max at 24V: 19mA max at 12V			
环境抗耐性 Environmental resistance	环境光照 ambient lighting	白炽灯:20.000lux或更低、日光灯: 30.000lux或更低 Incandescent lamp: 20.000lux or lower, fluorescent lamp: 30.000lux or lower			
	环境温度 ambient temperature	-20至 +55°C(无冻结)* ² -20 to +55°C (no freezing)* ²			
	相对湿度 Relative humidity	35至 85% RH(无凝结) 35 to 85% RH (non-condensing)			
	抗震性 shock resistance	10至55Hz、双振幅1.5mm、X,Y,Z方向各2个小时 10 to 55Hz, double amplitude 1.5mm, X, Y, Z directions each 2 small			
	耐冲击性 impact resistance	500m/S ² 、X,Y,Z方向各3次 500m/S ² , 3 times each in X, Y, Z directions			
外壳材料 Shell material	主模块与扩充模块外壳材料: 聚碳酸酯 Main Module and Expansion Module Housing Material: Polycarbonate				
重量 weight	1pcs/0.098KG		单价 unit price		

1. 放大器界面介绍

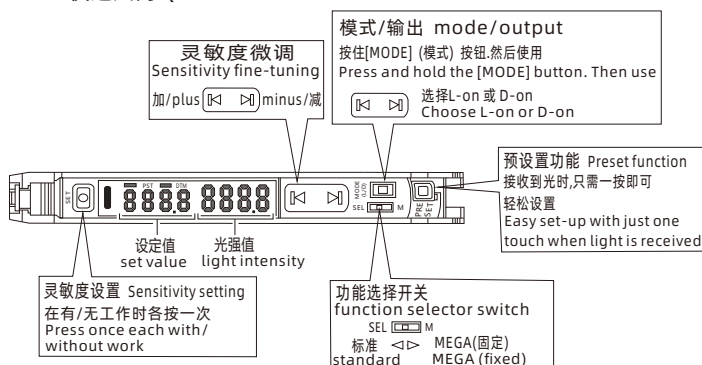
Introduction to the Amplifier Interface

BEM-N18N放大器常用调试说明书
BEM-N18N amplifier commonly used
debugging instructions



BEM-N18N 快速入门 Quick start

快速入门 Quick start



2. 初始化复位设置

Initialize reset settings

BEM-N18N放大器常用调试说明书
BEM-N18N amplifier commonly used
debugging instructions



初始化设置 Initialize settings

初始化方式 Initialization method

- 1 同时按住[SET] (设置) 和[PREST](预设置) 按住保持3秒时间。
- 2 使用 [K] [D] 选择 "rSt", 然后按[MODE](模式)按钮。
- 3 使用 [K] [D] 选择 "nSt", 然后按[MODE](模式)按钮。

完成初始化后, 模块重新显示当前值。

- 1 Press and hold [SET] and [PREST] simultaneously for 3 seconds.
 - 2 Use [K] [D] select "rSt", then press the [MODE] button.
 - 3 Use [K] [D] select "nSt", then press the [MODE] button.
- After initialization, the module redisplay the current values.

3. 输出、常开/常闭设置

Output, NO/NC settings

BEM-N18N放大器常用调试说明书
BEM-N18N amplifier commonly used
debugging instructions



输出切换 output switching

可选择模式为入光动作 (L-on)或遮光动作 (d-on)

The selectable mode is light receiving action (L-on) or shading action (d-on)

- 1 显示当前值时, 按[MODE](模式)。
- 2 使用 [K] [D] 切换输出(L-on/d-on), 然后再按一次[MODE](模式) 按钮。

- 1 When the current value is displayed, press [MODE].
- 2 Use [K] [D] switch the output (L-on/d-on), then press the [MODE] button again.



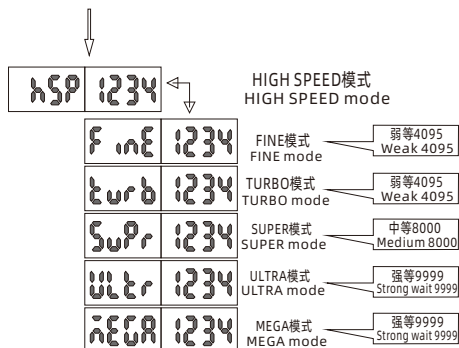
4. 灵敏度模式设置

Sensitivity Mode Settings

BEM-N18N放大器常用调试说明书
BEM-N18N amplifier commonly used
debugging instructions



MODE
按住 [MODE] (模式) 按键保持3秒更长时间。
Press and hold the [MODE] (MODE) button for 3 seconds longer.



- 1、按MODE键3秒进入灵敏度选取画面;
- 2、按灵敏度加减键选取需要的模式;
- 3、按MODE键返回初始画面;
- 4、将功能选择开关向右拨到M位置, 可直接进入MEGA强等模式, 其它模式暂不能调整。需调整其它模式, 切换回SEL左边位置;

1. Press the MODE button for 3 seconds to enter the sensitivity selection screen;
2. Press the sensitivity plus and minus keys to select the desired mode;
3. Press the MODE button to return to the initial screen;
4. Turn the function selector switch to the M position to the right, you can directly enter the MEGA strong mode, and other modes cannot be adjusted temporarily. To adjust other modes, switch back to the left position of SEL;

5. 按键锁定 Key lock

BEM-N18N放大器常用调试说明书
BEM-N18N amplifier commonly used
debugging instructions



- 1 同时按住MODE和灵敏度加减其中一个键3秒以上完成锁和解按键。
- 1 Press and hold one of the MODE and Sensitivity Plus/Minus keys at the same time for more than 3 seconds to lock and unlock the keys.

6. 灵敏度预设值调整: Sensitivity preset value adjustment:



- 1、按预设值功能键PRESET一次:PST灯亮,, 红、绿色显示如上图:
- 2、长按预设值功能键PRESET3秒以上, 返回初始画面:
1. Press the preset function key PRESET once: the PST light is on, and the red and green displays are as shown above:
2. Press and hold the preset function key PRESET for more than 3 seconds to return to the initial screen:

安装模块 Install the module

■ DIN导轨安装 DIN rail mounting

- 1 将位于机身底部的卡槽与DIN导轨对齐,如图1所示。
向箭头1 方向推机身的同时,朝箭头2 方向按下去。
- 2 若要取下传感器,向箭头1 方向推机身的同时朝箭头3方向太高机身。
- 1 Align the card slot at the bottom of the fuselage with the DIN rail, as shown in Figure 1.
- While pushing the body in the direction of arrow 1, press it in the direction of arrow 2.
- 2 To remove the sensor, push the body in the direction of arrow 1 while the body is too high in the direction of arrow 3.

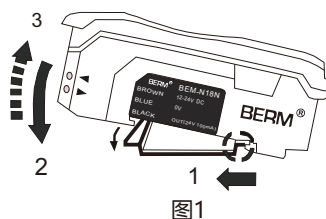


图1

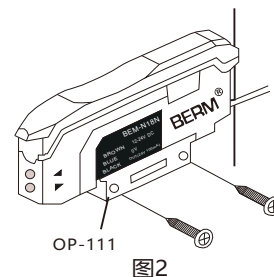


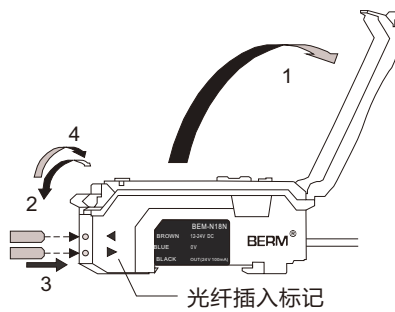
图2

■ 贴墙安装 (仅限主模块) Wall Mount (Main Module Only)

- 1 将模块装入选配的安裝架(OP-111),如图2 所示,用两个 M3 螺丝加以固定。
- 1 Install the module into the optional mounting bracket (OP-111), as shown in Figure 2, and fix it with two M3 screws.

连接光纤单元 Connecting the Fiber Unit

- 1 按箭头1 所示方向打开防尘罩。
- 2 按箭头2 所示方向移动光纤锁定杆。
- 3 将光纤单元如箭头3 所示插入放大器(约14mm)。
- 4 向箭头4 所示向移动光纤锁定杆,以此固定光纤。
- 1 Open the dust cover in the direction of arrow 1.
- 2 Move the fiber locking lever in the direction of arrow 2.
- 3 Insert the fiber unit into the amplifier as indicated by arrow 3 (about 14mm).
- 4 Move the fiber locking lever in the direction indicated by arrow 4 to secure the fiber.



光纤插入标记

外形尺寸 External dimensions

放纤放大器系列

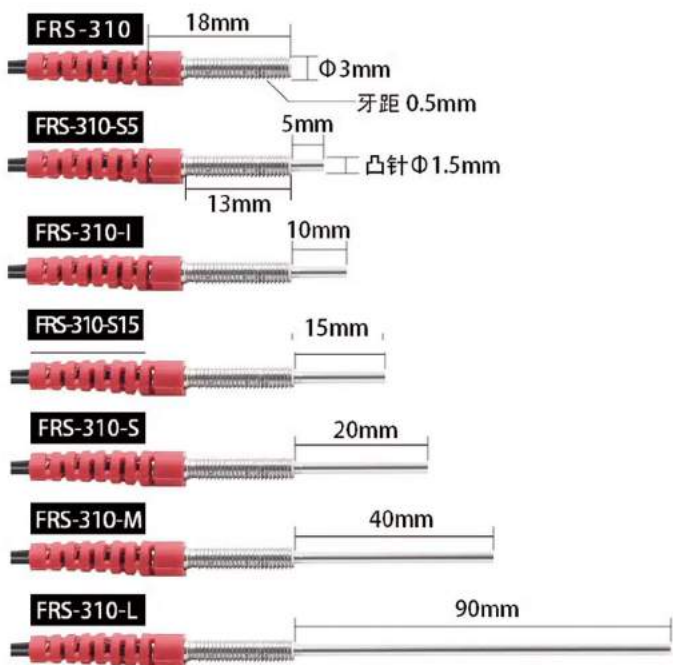
Fiber Amplifier Series

产品型号 Product model	BEM-310	
光纤线尺寸 Fiber line size	线芯 0.5mm Wire core 0.5mm	线径 1mm Wire diameter 1mm
最小检测物 Minimum detectable	1mm	
检测距离 Detection distance	0-60mm	
光纤管材质 Fiber Tube Material	不锈钢 Stainless steel	
光纤管尺寸 Fiber Tube Size	M3*18mm	
感应类型 Induction type	反射型 reflection type	
标配线长 Standard line length	1米 (线长可定制) 1 meter (line length can be customized)	
重量 weight	1pcs/6.0g	
单价 unit price		

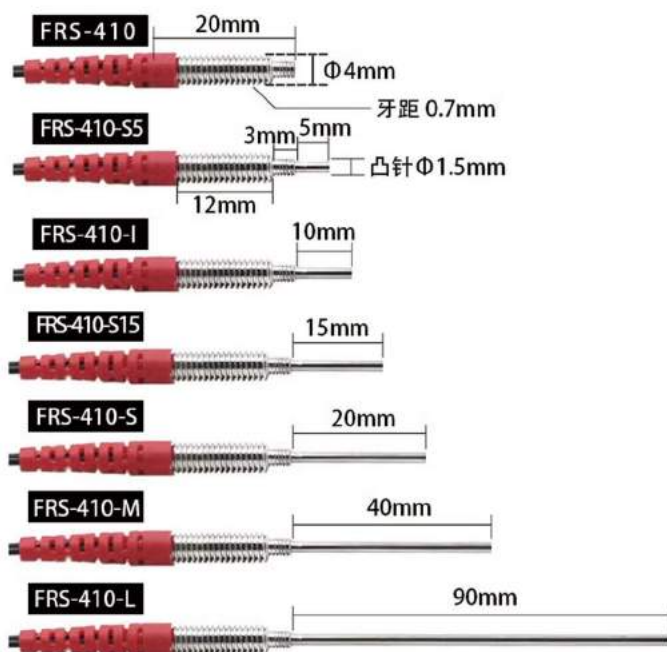
产品型号 Product model	BEM-410	
光纤线尺寸 Fiber line size	线芯 0.5mm Wire core 0.5mm	线径 1mm Wire diameter 1mm
最小检测物 Minimum detectable	1mm	
检测距离 Detection distance	0-60mm	
光纤管材质 Fiber Tube Material	不锈钢 Stainless steel	
光纤管尺寸 Fiber Tube Size	M4*20mm	
感应类型 Induction type	反射型 reflection type	
标配线长 Standard line length	1米 (线长可定制) 1 meter (line length can be customized)	
重量 weight	1pcs/7.0g	
单价 unit price		

产品型号 Product model	BEM-610	
光纤线尺寸 Fiber line size	线芯 1.0mm Wire core 0.5mm	线径 2.2mm Wire diameter 1mm
最小检测物 Minimum detectable	1mm	
检测距离 Detection distance	0-60mm	
光纤管材质 Fiber Tube Material	不锈钢 Stainless steel	
光纤管尺寸 Fiber Tube Size	M6*23mm	
感应类型 Induction type	反射型 reflection type	
标配线长 Standard line length	1米 (线长可定制) 1 meter (line length can be customized)	
重量 weight	1pcs/17.6g	
单价 unit price		

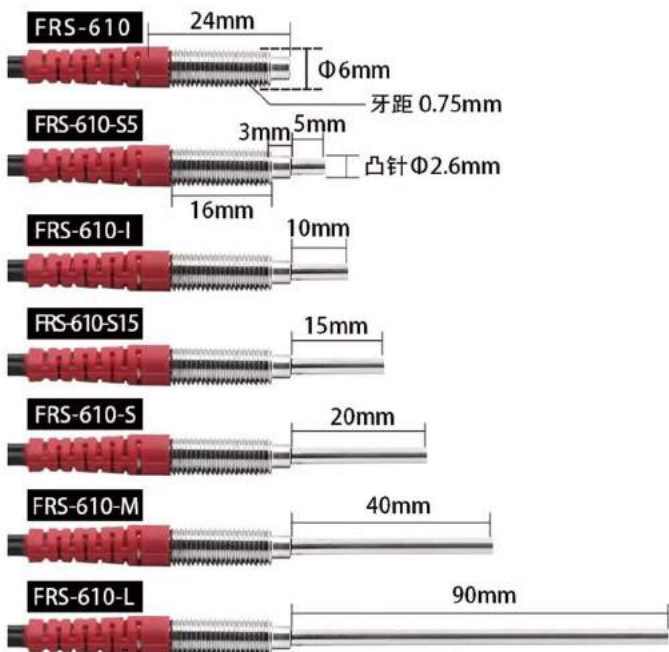
Fiber Amplifier Series



型号:	FRS-310	FRS-310-S5	FRS-310-I	FRS-310-S15	FRS-310-S	FRS-310-M	FRS-310-L
光纤材料:	PMMA						
光纤尺寸:	普通线纤芯 0.5mm/ 外径 1.0mm 进口线纤芯 0.5mm/ 外径 1.3mm						
最小检测物:	约Φ0.2mm						
检测距离:	0-80mm (配 DN10 放大器)						
光纤管材料:	不锈钢						
凸针直径:	1.5mm (可选择 0.8mm 1.0mm)						
凸针长度:	无凸针	5mm	10mm	15mm	20mm	40mm	90mm
标配线长:	1 米 (可定制线长)						



型号:	FRS-410	FRS-410-S5	FRS-410-I	FRS-410-S15	FRS-410-S	FRS-410-M	FRS-410-L
光纤材料:	PMMA						
光纤尺寸:	普通线纤芯 0.5mm/ 外径 1.0mm 进口线纤芯 0.5mm/ 外径 1.3mm						
最小检测物:	约Φ0.2mm						
检测距离:	0-80mm (配 DN10 放大器)						
光纤管材料:	不锈钢						
凸针直径:	1.5mm (可选择 0.8mm 1.0mm)						
凸针长度:	无凸针	5mm	10mm	15mm	20mm	40mm	90mm
标配线长:	1 米 (可定制线长)						



型号:	FR5-610	FR5-610-S5	FR5-610-I	FR5-610-S15	FR5-610-S	FR5-610-M	FR5-610-L
光纤材料:	PMMA						
光纤尺寸:	普通线纤芯 1.0mm/ 外径 2.2mm 进口线纤芯 1.0mm/ 外径 2.2mm						
最小检测物:	约Φ0.2mm						
检测距离:	0-100mm (配 DN10 放大器)						
光纤管材料:	不锈钢						
凸针直径:	2.6mm						
凸针长度:	无凸针	5mm	10mm	15mm	20mm	40mm	90mm
标配线长:	1 米 (可定制线长)						

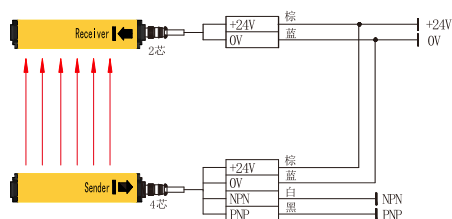
安全光幕(栅)传感器系列

Safety light screen (grating) sensor series



BEM □□□□ - □□□□		安全光幕(栅)传感器 Safety light screen (grating) sensor	
品牌型号 Brand model	光电间距 Photoelectric spacing	输出方式/Output way	NB:NPN NC(常闭)
		截面尺寸/Section size	25*25MM 26*29MM 30*30MM 35*35MM 35*40MM 35*50MM 18*35MM 12*25MM
光束数量/Number of beams	2.5mm 20mm 5mm 40mm 10mm	04 (4光束/beam) 06 (6光束/beam) 08 (8光束/beam) 10 (10光束/beam) 12 (12光束/beam) 4-100光束可定 4-100Beam customizable	

接线图 Wiring diagram

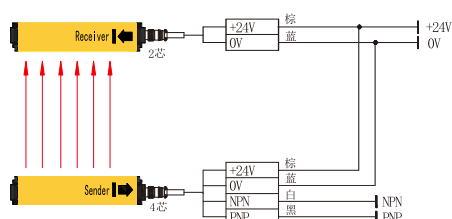


输出方式 Product number	NPN/PNP/晶体管 NPN/PNP/transistor	响应时间 Response time	≤10ms
工作电压 Operating Voltage	24VDC	检测距离 Detection distance	0-3米(M)
抗干扰能力 Anti-interference ability	10000Lux (入射角≤5°) 10000Lux (incidence angles≤5°)	工作温度 Working temperature	-10℃~55℃
保护电路 protect the circuit	反接保护/输出短路保护 Reverse connection protection/output short circuit protection		
信号电缆线 Signal cable	3米/2条 3 meters/2 strips	外形材质 Shape material	铝合金 Aluminum alloy
产品尺寸 Product Size	30X30X206MM	保护高度 Protection height	120MM
连接方式 Connection method	M12、2针、4针 M12, 2-pin, 4-pin		
产品型号 Product number	BEM0440-30NB	BEM0420-30NB	
重量 weight	1pcs/ 0.725KG	1pcs/ 0.616KG	
单价 unit price			



BEM □□□□ - □□□□		安全光幕(栅)传感器 Safety light screen (grating) sensor	
品牌型号 Brand model	光电间距 Photoelectric spacing	输出方式/Output way	NB:NPN NC(常闭)
		截面尺寸/Section size	25*25MM 26*29MM 30*30MM 35*35MM 35*40MM 35*50MM 18*35MM 12*25MM
光束数量/Number of beams	2.5mm 20mm 5mm 40mm 10mm	04 (4光束/beam) 06 (6光束/beam) 08 (8光束/beam) 10 (10光束/beam) 12 (12光束/beam) 4-100光束可定 4-100Beam customizable	

接线图 Wiring diagram



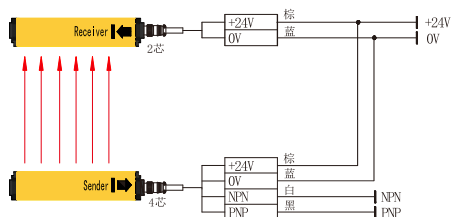
输出方式 Product number	NPN/PNP/晶体管 NPN/PNP/transistor	响应时间 Response time	≤10ms
工作电压 Operating Voltage	24VDC	检测距离 Detection distance	0-3米(M)
抗干扰能力 Anti-interference ability	10000Lux (入射角≤5°) 10000Lux (incidence angles≤5°)	工作温度 Working temperature	-10℃~55℃
保护电路 protect the circuit	反接保护/输出短路保护 Reverse connection protection/output short circuit protection		
信号电缆线 Signal cable	3米/2条 3 meters/2 strips	外形材质 Shape material	铝合金 Aluminum alloy
产品尺寸 Product Size	30X30X286MM	保护高度 Protection height	200MM
连接方式 Connection method	M12、2针、4针 M12, 2-pin, 4-pin		
产品型号 Product number	BEM0640-30NB	BEM0620-30NB	
重量 weight	1pcs/ 0.902KG	1pcs/ 0.685KG	
单价 unit price			

安全光幕(栅)传感器系列

Safety light screen (grating) sensor series



接线图 Wiring diagram

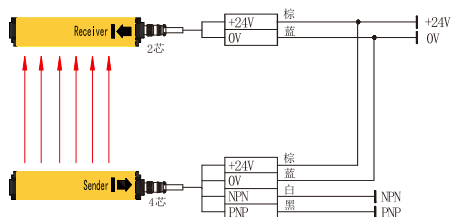


BEM □□□□ - □□□□		安全光幕(栅)传感器 Safety light screen (grating) sensor	
品牌型号 Brand model	光电间距 Photoelectric spacing	输出方式/Output way	NB:NPN NC(常闭)
		截面尺寸/Section size	25*25MM 26*29MM 30*30MM 35*35MM 35*40MM 35*50MM 18*35MM 12*25MM
光束数量/Number of beams	2.5mm 20mm 5mm 40mm 10mm	04 (4光束/beam) 06 (6光束/beam) 08 (8光束/beam) 10 (10光束/beam) 12 (12光束/beam) 4-100光束可定 4-100Beam customizable	

输出方式 Product number	NPN/PNP/晶体管 NPN/PNP/transistor	响应时间 Response time	≤10ms
工作电压 Operating Voltage	24VDC	检测距离 Detection distance	0-3米(M)
抗干扰能力 Anti-interference ability	10000Lux (入射角≤5°) 10000Lux (incidence angles≤5°)	工作温度 Working temperature	-10℃~55℃
保护电路 protect the circuit	反接保护/输出短路保护 Reverse connection protection/output short circuit protection		
信号电缆线 Signal cable	3米/2条 3 meters/2 strips	外形材质 Shape material	铝合金 Aluminum alloy
产品尺寸 Product Size	30X30X366MM	保护高度 Protection height	280MM
连接方式 Connection method	M12、2针、4针 M12, 2-pin, 4-pin		
产品型号 Product number	BEM0840-30NB	BEM0820-30NB	
重量 weight	1pcs/ 1.013KG	1pcs/ 0.749KG	
单价 unit price			



接线图 Wiring diagram



BEM □□□□ - □□□□		安全光幕(栅)传感器 Safety light screen (grating) sensor	
品牌型号 Brand model	光电间距 Photoelectric spacing	输出方式/Output way	NB:NPN NC(常闭)
		截面尺寸/Section size	25*25MM 26*29MM 30*30MM 35*35MM 35*40MM 35*50MM 18*35MM 12*25MM
光束数量/Number of beams	2.5mm 20mm 5mm 40mm 10mm	04 (4光束/beam) 06 (6光束/beam) 08 (8光束/beam) 10 (10光束/beam) 12 (12光束/beam) 4-100光束可定 4-100Beam customizable	

输出方式 Product number	NPN/PNP/晶体管 NPN/PNP/transistor	响应时间 Response time	≤10ms
工作电压 Operating Voltage	24VDC	检测距离 Detection distance	0-3米(M)
抗干扰能力 Anti-interference ability	10000Lux (入射角≤5°) 10000Lux (incidence angles≤5°)	工作温度 Working temperature	-10℃~55℃
保护电路 protect the circuit	反接保护/输出短路保护 Reverse connection protection/output short circuit protection		
信号电缆线 Signal cable	3米/2条 3 meters/2 strips	外形材质 Shape material	铝合金 Aluminum alloy
产品尺寸 Product Size	30X30X446MM	保护高度 Protection height	360MM
连接方式 Connection method	M12、2针、4针 M12, 2-pin, 4-pin		
产品型号 Product number	BEM1040-30NB	BEM1020-30NB	
重量 weight	1pcs/ 1.198KG	1pcs/ 0.825KG	
单价 unit price			

安全光幕(栅)传感器系列

Safety light screen (grating) sensor series

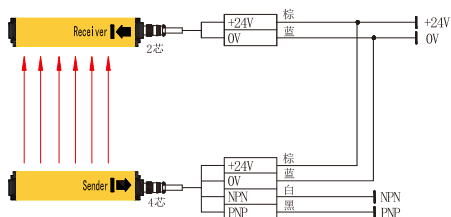


BEM □□□□ - □□□□

安全光幕(栅)传感器
Safety light screen (grating) sensor

品牌型号 Brand model	输出方式/Output way		NB:NPN NC(常闭)
	截面尺寸/Section size		25*25MM 26*29MM 30*30MM 35*35MM 35*40MM 35*50MM 18*35MM 12*25MM
光电间距 Photoelectric spacing	2.5mm	20mm	04 (4光束/beam)
	5mm	40mm	06 (6光束/beam)
光束数量/Number of beams	10mm		08 (8光束/beam)
			10 (10光束/beam)
			12 (12光束/beam)
			4-100光束可定
			4-100Beam customizable

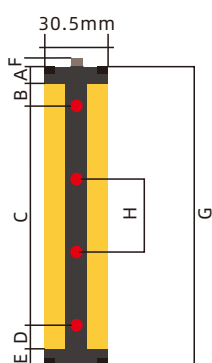
接线图 Wiring diagram



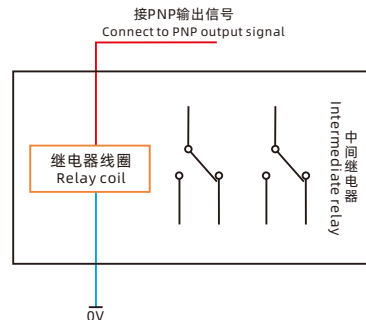
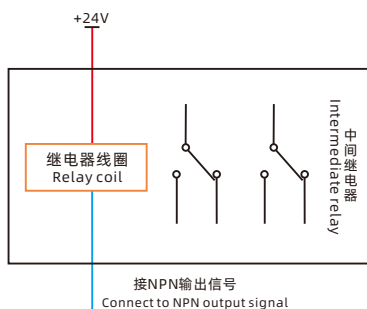
输出方式 Product number	NPN/PNP/晶体管 NPN/PNP/transistor	响应时间 Response time	≤10ms
工作电压 Operating Voltage	24VDC	检测距离 Detection distance	0-3米(M)
抗干扰能力 Anti-interference ability	10000Lux (入射角≤5°) 10000Lux (incidence angles≤5°)	工作温度 Working temperature	-10℃~55℃
保护电路 protect the circuit	反接保护/输出短路保护 Reverse connection protection/output short circuit protection		
信号电缆线 Signal cable	3米/2条 3 meters/2 strips	外形材质 Shape material	铝合金 Aluminum alloy
产品尺寸 Product Size	30X30X526MM	保护高度 Protection height	440MM
连接方式 Connection method	M12、2针、4针 M12, 2-pin, 4-pin		
产品型号 Product number	BEM1240-30NB	BEM1240-30NB	
重量 weight	1pcs/ 1.306KG	1pcs/ 0.904KG	
单价 unit price			

外形尺寸 External dimensions

型号 model	光点数 Number of light points	H=光轴间距mm H=Optical axis distance mm	C=保护高度mm C=Protection height mm	A=上端盖高度mm A=The height of the upper end cover mm	B=盲区mm B=Blind area mm	D=盲区mm D=Blind area mm	E=下端盖高度mm E=height of lower end cap mm	F=航空插头高度mm F=Height of aviation plug mm	G=光栅总高度mm G=total height of grating mm
BEM0440-30NB	4	40	120	12	20	35	12	7	206
BEM0640-30NB	6	40	200	12	20	35	12	7	286
BEM0840-30NB	8	40	280	12	20	35	12	7	366
BEM1040-30NB	10	40	360	12	20	35	12	7	446
BEM1240-30NB	12	40	440	12	20	35	12	7	526
BEM0420-30NB	4	20	60	12	10	35	12	7	136
BEM0620-30NB	6	20	100	12	10	35	12	7	176
BEM0820-30NB	8	20	140	12	10	35	12	7	216
BEM1020-30NB	10	20	180	12	10	35	12	7	256
BEM1220-30NB	12	20	220	12	10	35	12	7	296



驱动中间继电器接线方式 Drive intermediate relay wiring mode

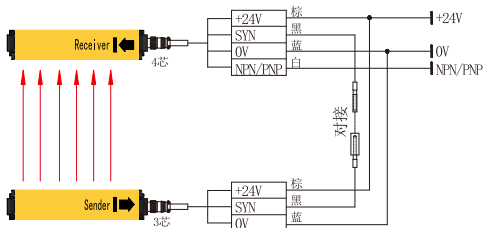


安全光幕(栅)传感器系列

Safety light screen (grating) sensor series



接线图 Wiring diagram

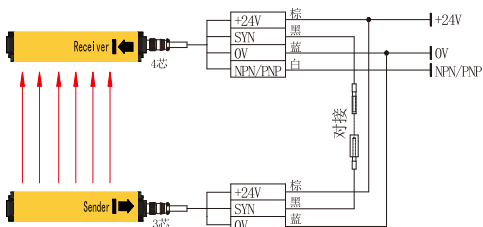


BEM □□□□ -A- □□□□		安全光幕(栅)传感器 Safety light screen (grating) sensor	
品牌型号 Brand model	输出方式/Output way	NB:NPN NC (常闭)	
		120MM 200MM 280MM 360MM 440MM	
光电间距 Photoelectric spacing	光束数量/Number of beams	2.5mm 20mm 5mm 40mm 10mm	
		04 (4光束/beam) 06 (6光束/beam) 08 (8光束/beam) 10 (10光束/beam) 12 (12光束/beam) 4-100光束可定 4-100Beam customizable	

输出方式 Product number	NPN/PNP/晶体管 NPN/PNP/transistor	响应时间 Response time	≤10ms
工作电压 Operating Voltage	10-30VDC	检测距离 Detection distance	0.3-2米(M)
抗干扰能力 Anti-interference ability	10000Lux (入射角≤5°) 10000Lux (incidence angles≤5°)	工作温度 Working temperature	-10℃~55℃
保护电路 protect the circuit	反接保护/输出短路保护 Reverse connection protection/output short circuit protection		
信号电缆线 Signal cable	2.5米/2条 2.5 meters/2 strips	外形材质 Shape material	铝合金 Aluminum alloy
产品尺寸 Product Size	31X33X204MM	保护高度 Protection height	120MM
连接方式 Connection method	M12、3针、4针 M12, 3-pin, 4-pin		
产品型号 Product number	BEM0440-A-120NB	BEM0420-A-60NB	
重量 weight	1pcs/ 0.724KG	1pcs/ 0.615KG	
单价 unit price			



接线图 Wiring diagram



BEM □□□□ -A- □□□□		安全光幕(栅)传感器 Safety light screen (grating) sensor	
品牌型号 Brand model	输出方式/Output way	NB:NPN NC (常闭)	
		120MM 200MM 280MM 360MM 440MM	
光电间距 Photoelectric spacing	光束数量/Number of beams	2.5mm 20mm 5mm 40mm 10mm	
		04 (4光束/beam) 06 (6光束/beam) 08 (8光束/beam) 10 (10光束/beam) 12 (12光束/beam) 4-100光束可定 4-100Beam customizable	

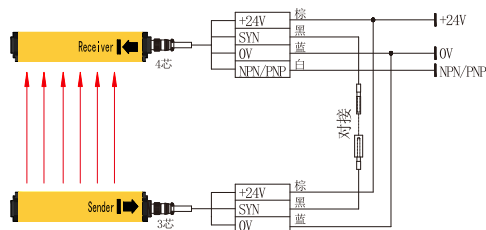
输出方式 Product number	NPN/PNP/晶体管 NPN/PNP/transistor	响应时间 Response time	≤10ms
工作电压 Operating Voltage	10-30VDC	检测距离 Detection distance	0.3-2米(M)
抗干扰能力 Anti-interference ability	10000Lux (入射角≤5°) 10000Lux (incidence angles≤5°)	工作温度 Working temperature	-10℃~55℃
保护电路 protect the circuit	反接保护/输出短路保护 Reverse connection protection/output short circuit protection		
信号电缆线 Signal cable	2.5米/2条 2.5 meters/2 strips	外形材质 Shape material	铝合金 Aluminum alloy
产品尺寸 Product Size	31X33X284MM	保护高度 Protection height	200MM
连接方式 Connection method	M12、3针、4针 M12, 3-pin, 4-pin		
产品型号 Product number	BEM0640-A-200NB	BEM0620-A-100NB	
重量 weight	1pcs/ 0.848KG	1pcs/ 0.678KG	
单价 unit price			

安全光幕(栅)传感器系列

Safety light screen (grating) sensor series



接线图 Wiring diagram

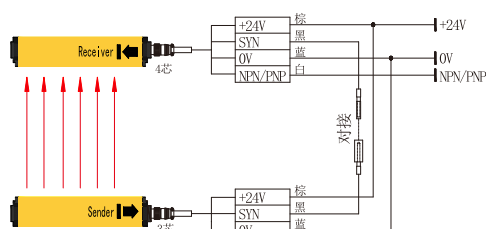


BEM □□□□ -A- □□□□		安全光幕(栅)传感器 Safety light screen (grating) sensor	
品牌型号 Brand model	光电间距 Photoelectric spacing	输出方式/Output way	NB:NPN NC (常闭)
		保护高度/Protection height	120MM 200MM 280MM 360MM 440MM
光束数量/Number of beams	2.5mm 20mm 5mm 40mm 10mm	04 (4光束/beam) 06 (6光束/beam) 08 (8光束/beam) 10 (10光束/beam) 12 (12光束/beam) 4-100光束可定 4-100Beam customizable	

输出方式 Product number	NPN/PNP/晶体管 NPN/PNP/transistor	响应时间 Response time	≤10ms
工作电压 Operating Voltage	10-30VDC	检测距离 Detection distance	0.3-2米(M)
抗干扰能力 Anti-interference ability	10000Lux (入射角≤5°) 10000Lux (incidence angles≤5°)	工作温度 Working temperature	-10℃~55℃
保护电路 protect the circuit	反接保护/输出短路保护 Reverse connection protection/output short circuit protection		
信号电缆线 Signal cable	2.5米/2条 2.5 meters/2 strips	外形材质 Shape material	铝合金 Aluminum alloy
产品尺寸 Product Size	31X33X364MM	保护高度 Protection height	280MM
连接方式 Connection method	M12、3针、4针 M12, 3-pin, 4-pin		
产品型号 Product number	BEM0840-A-280NB	BEM0820-A-160NB	
重量 weight	1pcs/ 1KG	1pcs/ 0.745KG	
单价 unit price			



接线图 Wiring diagram

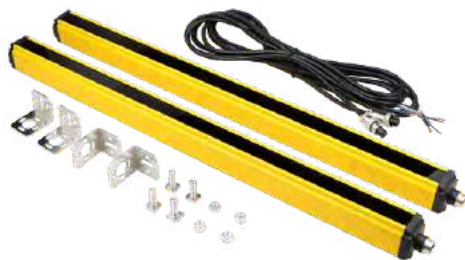


BEM □□□□ -A- □□□□		安全光幕(栅)传感器 Safety light screen (grating) sensor	
品牌型号 Brand model	光电间距 Photoelectric spacing	输出方式/Output way	NB:NPN NC (常闭)
		保护高度/Protection height	120MM 200MM 280MM 360MM 440MM
光束数量/Number of beams	2.5mm 20mm 5mm 40mm 10mm	04 (4光束/beam) 06 (6光束/beam) 08 (8光束/beam) 10 (10光束/beam) 12 (12光束/beam) 4-100光束可定 4-100Beam customizable	

输出方式 Product number	NPN/PNP/晶体管 NPN/PNP/transistor	响应时间 Response time	≤10ms
工作电压 Operating Voltage	10-30VDC	检测距离 Detection distance	0.3-2米(M)
抗干扰能力 Anti-interference ability	10000Lux (入射角≤5°) 10000Lux (incidence angles≤5°)	工作温度 Working temperature	-10℃~55℃
保护电路 protect the circuit	反接保护/输出短路保护 Reverse connection protection/output short circuit protection		
信号电缆线 Signal cable	2.5米/2条 2.5 meters/2 strips	外形材质 Shape material	铝合金 Aluminum alloy
产品尺寸 Product Size	31X33X444MM	保护高度 Protection height	360MM
连接方式 Connection method	M12、3针、4针 M12, 3-pin, 4-pin		
产品型号 Product number	BEM1040-A-360NB	BEM1020-A-180NB	
重量 weight	1pcs/ 1.137KG	1pcs/ 0.806KG	
单价 unit price			

安全光幕(栅)传感器系列

Safety light screen (grating) sensor series



BEM □□□□ -A- □□□□

安全光幕(栅)传感器
Safety light screen (grating) sensor

输出方式/Output way NB:NPN NC (常闭)

品牌型号
Brand model

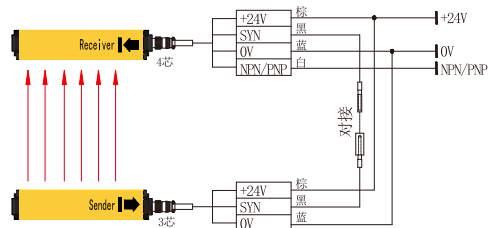
保护高度/Protection height

光电间距
Photoelectric spacing

光束数量/Number of beams

120MM 200MM
280MM 360MM
440MM
04 (4光束/beam)
06 (6光束/beam)
08 (8光束/beam)
10 (10光束/beam)
12 (12光束/beam)
4-100光束可定
4-100Beam customizable

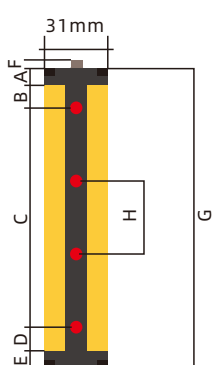
接线图 Wiring diagram



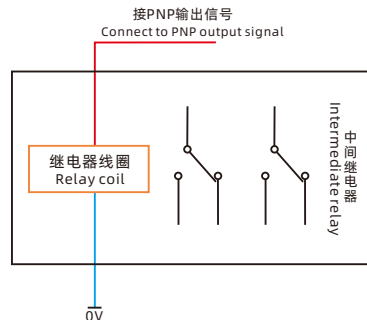
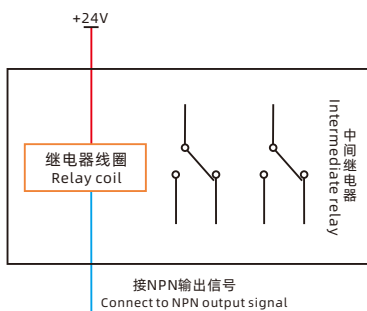
输出方式 Product number	NPN/PNP/晶体管 NPN/PNP/transistor	响应时间 Response time	≤10ms
工作电压 Operating Voltage	10-30VDC	检测距离 Detection distance	0.3-2米(M)
抗干扰能力 Anti-interference ability	10000Lux (入射角≤5°) 10000Lux (incidence angle≤5°)	工作温度 Working temperature	-10℃~55℃
保护电路 protect the circuit	反接保护/输出短路保护 Reverse connection protection/output short circuit protection		
信号电缆线 Signal cable	2.5米/2条 2.5 meters/2 strips	外形材质 Shape material	铝合金 Aluminum alloy
产品尺寸 Product Size	31X33X524MM	保护高度 Protection height	440MM
连接方式 Connection method	M12、3针、4针 M12, 3-pin, 4-pin		
产品型号 Product number	BEM1240-A-440NB	BEM1220-A-220NB	
重量 weight	1pcs/ 1.278KG	1pcs/ 0.876KG	
单价 unit price			

外形尺寸 External dimensions

型号 model	光点数 Number of light points	H=光轴间距mm H=Optical axis distance mm	C=保护高度mm C=Protection height mm	A=上端盖高度mm A=The height of the upper end cover mm	B=盲区mm B=Blind area mm	D=盲区mm D=Blind area mm	E=下端盖高度mm E=height of lower end cap mm	F=航空插头高度mm F=Height of aviation plug mm	G=光栅总高度mm G=total height of grating mm
BEM0440-A-120NB	4	40	120	10	20	32	10	11	204
BEM0640-A-200NB	6	40	200	10	20	32	10	11	284
BEM0840-A-280NB	8	40	280	10	20	32	10	11	364
BEM1040-A-360NB	10	40	360	10	20	32	10	11	444
BEM1240-A-440NB	12	40	440	10	20	32	10	11	524
BEM0420-A-60NB	4	20	60	10	10	32	10	11	144
BEM0620-A-100NB	6	20	100	10	10	32	10	11	184
BEM0820-A-140NB	8	20	140	10	10	32	10	11	224
BEM1020-A-180NB	10	20	180	10	10	32	10	11	264
BEM1220-A-200NB	12	20	200	10	10	32	10	11	304



驱动中间继电器接线方式 Drive intermediate relay wiring mode



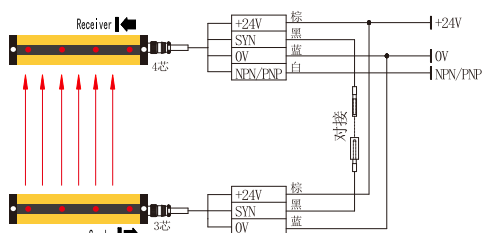
安全光幕(栅)传感器系列

Safety light screen (grating) sensor series



BEM □□□□ -C- □□□□		安全光幕(栅)传感器 Safety light screen (grating) sensor	
品牌型号 Brand model	光电间距 Photoelectric spacing	保护高度/Protection height	输出方式/Output way NB:NPN NC (常闭)
			120MM 200MM 280MM 360MM 440MM
光束数量/Number of beams	2.5mm 20mm 5mm 40mm 10mm	04 (4光束/beam) 06 (6光束/beam) 08 (8光束/beam) 10 (10光束/beam) 12 (12光束/beam) 4-100光束可定 4-100Beam customizable	

接线图 Wiring diagram

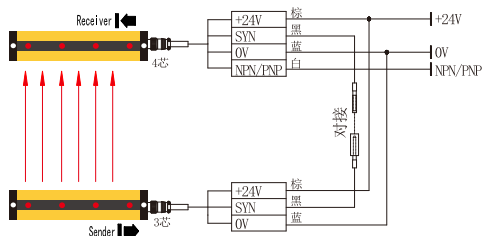


输出方式 Product number	NPN/PNP/晶体管 NPN/PNP/transistor	响应时间 Response time	≤20ms
工作电压 Operating Voltage	10-30VDC	检测距离 Detection distance	0.3-2米(M)
抗干扰能力 Anti-interference ability	10000Lux (入射角≤5°) 10000Lux (incidence angles≤5°)	工作温度 Working temperature	-10℃~55℃
保护电路 protect the circuit	反接保护/输出短路保护 Reverse connection protection/output short circuit protection		
信号电缆线 Signal cable	2.5米/2条 2.5 meters/2 strips	外形材质 Shape material	铝合金 Aluminum alloy
产品尺寸 Product Size	29.8X18.5X196MM	保护高度 Protection height	120MM
连接方式 Connection method	M12, 3针、4针 M12, 3-pin, 4-pin		
产品型号 Product number	BEM0440-C-120NB	BEM0420-C-60NB	
重量 weight	1pcs/ 0.526KG	1pcs/ 0.440KG	
单价 unit price			



BEM □□□□ -C- □□□□		安全光幕(栅)传感器 Safety light screen (grating) sensor	
品牌型号 Brand model	光电间距 Photoelectric spacing	保护高度/Protection height	输出方式/Output way NB:NPN NC (常闭)
			120MM 200MM 280MM 360MM 440MM
光束数量/Number of beams	2.5mm 20mm 5mm 40mm 10mm	04 (4光束/beam) 06 (6光束/beam) 08 (8光束/beam) 10 (10光束/beam) 12 (12光束/beam) 4-100光束可定 4-100Beam customizable	

接线图 Wiring diagram



输出方式 Product number	NPN/PNP/晶体管 NPN/PNP/transistor	响应时间 Response time	≤20ms
工作电压 Operating Voltage	10-30VDC	检测距离 Detection distance	0.3-2米(M)
抗干扰能力 Anti-interference ability	10000Lux (入射角≤5°) 10000Lux (incidence angles≤5°)	工作温度 Working temperature	-10℃~55℃
保护电路 protect the circuit	反接保护/输出短路保护 Reverse connection protection/output short circuit protection		
信号电缆线 Signal cable	2.5米/2条 2.5 meters/2 strips	外形材质 Shape material	铝合金 Aluminum alloy
产品尺寸 Product Size	29.8X18.5X275MM	保护高度 Protection height	200MM
连接方式 Connection method	M12, 3针、4针 M12, 3-pin, 4-pin		
产品型号 Product number	BEM0640-C-200NB	BEM0620-C-100NB	
重量 weight	1pcs/ 0.611KG	1pcs/ 0.488KG	
单价 unit price			

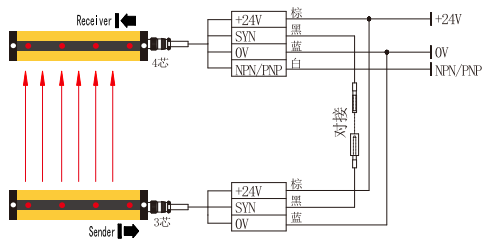
安全光幕(栅)传感器系列

Safety light screen (grating) sensor series



BEM □□□□ -C- □□□□□		安全光幕(栅)传感器 Safety light screen (grating) sensor	
品牌型号 Brand model	光电间距 Photoelectric spacing	输出方式/Output way	NB:NPN NC (常闭)
			120MM 200MM 280MM 360MM 440MM
光束数量/Number of beams	2.5mm 20mm 5mm 40mm 10mm	保护高度/Protection height	04 (4光束/beam) 06 (6光束/beam) 08 (8光束/beam) 10 (10光束/beam) 12 (12光束/beam) 4-100光束可定 4-100Beam customizable

接线图 Wiring diagram

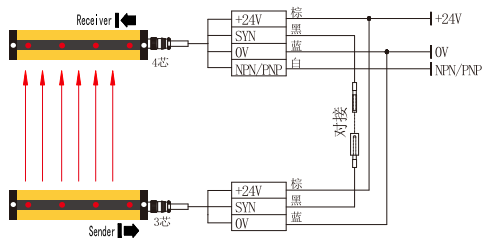


输出方式 Product number	NPN/PNP/晶体管 NPN/PNP/transistor	响应时间 Response time	≤20ms
工作电压 Operating Voltage	10-30VDC	检测距离 Detection distance	0.3-2米(M)
抗干扰能力 Anti-interference ability	10000Lux (入射角≤5°) 10000Lux (incidence angles≤5°)	工作温度 Working temperature	-10℃~55℃
保护电路 protect the circuit	反接保护/输出短路保护 Reverse connection protection/output short circuit protection		
信号电缆线 Signal cable	2.5米/2条 2.5 meters/2 strips	外形材质 Shape material	铝合金 Aluminum alloy
产品尺寸 Product Size	29.8X18.5X355MM	保护高度 Protection height	280MM
连接方式 Connection method	M12、3针、4针 M12, 3-pin, 4-pin		
产品型号 Product number	BEM0840-C-280NB	BEM0820-C-160NB	
重量 weight	1pcs/ 0.724KG	1pcs/ 0.543KG	
单价 unit price			



BEM □□□□ -C- □□□□□		安全光幕(栅)传感器 Safety light screen (grating) sensor	
品牌型号 Brand model	光电间距 Photoelectric spacing	输出方式/Output way	NB:NPN NC (常闭)
			120MM 200MM 280MM 360MM 440MM
光束数量/Number of beams	2.5mm 20mm 5mm 40mm 10mm	保护高度/Protection height	04 (4光束/beam) 06 (6光束/beam) 08 (8光束/beam) 10 (10光束/beam) 12 (12光束/beam) 4-100光束可定 4-100Beam customizable

接线图 Wiring diagram



输出方式 Product number	NPN/PNP/晶体管 NPN/PNP/transistor	响应时间 Response time	≤20ms
工作电压 Operating Voltage	10-30VDC	检测距离 Detection distance	0.3-2米(M)
抗干扰能力 Anti-interference ability	10000Lux (入射角≤5°) 10000Lux (incidence angles≤5°)	工作温度 Working temperature	-10℃~55℃
保护电路 protect the circuit	反接保护/输出短路保护 Reverse connection protection/output short circuit protection		
信号电缆线 Signal cable	2.5米/2条 2.5 meters/2 strips	外形材质 Shape material	铝合金 Aluminum alloy
产品尺寸 Product Size	29.8X18.5X435MM	保护高度 Protection height	360MM
连接方式 Connection method	M12、3针、4针 M12, 3-pin, 4-pin		
产品型号 Product number	BEM1040-C-360NB	BEM1020-C-180NB	
重量 weight	1pcs/ 0.815KG	1pcs/ 0.575KG	
单价 unit price			

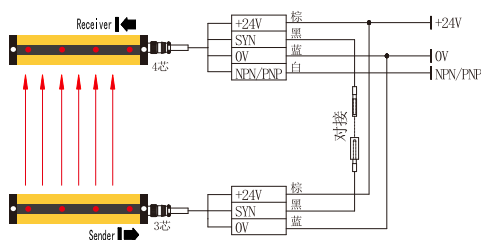
安全光幕(栅)传感器系列

Safety light screen (grating) sensor series



BEM □□□□ -C- □□□□		安全光幕(栅)传感器 Safety light screen (grating) sensor	
品牌型号 Brand model	光电间距 Photoelectric spacing	保护高度/Protection height	输出方式/Output way NB:NPN NC (常闭)
			120MM 200MM 280MM 360MM 440MM
光束数量/Number of beams	2.5mm 20mm 5mm 40mm 10mm	04 (4光束/beam) 06 (6光束/beam) 08 (8光束/beam) 10 (10光束/beam) 12 (12光束/beam) 4-100光束可定 4-100Beam customizable	

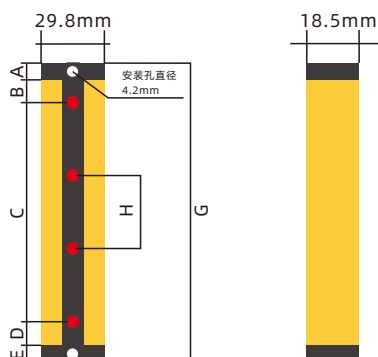
接线图 Wiring diagram



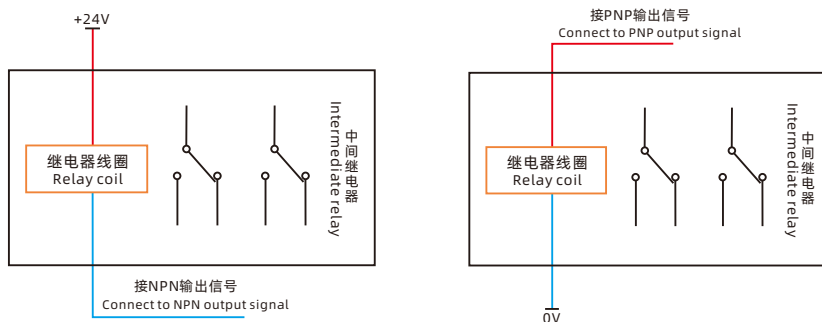
输出方式 Product number	NPN/PNP/晶体管 NPN/PNP/transistor	响应时间 Response time	≤20ms
工作电压 Operating Voltage	10-30VDC	检测距离 Detection distance	0.3-2米(M)
抗干扰能力 Anti-interference ability	10000Lux (入射角≤5°) 10000Lux (incidence angles≤5°)	工作温度 Working temperature	-10℃~55℃
保护电路 protect the circuit	反接保护/输出短路保护 Reverse connection protection/output short circuit protection		
信号电缆线 Signal cable	2.5米/2条 2.5 meters/2 strips	外形材质 Shape material	铝合金 Aluminum alloy
产品尺寸 Product Size	29.8X18.5X14MM	保护高度 Protection height	440MM
连接方式 Connection method	M12, 3针、4针 M12, 3-pin, 4-pin		
产品型号 Product number	BEM1240-C-440NB	BEM1220-C-200NB	
重量 weight	1pcs/ 0.899KG	1pcs/ 0.624KG	
单价 unit price			

外形尺寸 External dimensions

型号 model	光点数 Number of light points	H=光轴间距mm H=Optical axis distance mm	C=保护高度mm C=Protection height mm	A=上端盖高度mm A=The height of the upper end cover mm	B=盲区mm B=Blind area mm	D=盲区mm D=Blind area mm	E=下端盖高度mm E=height of lower end cap mm	G=光栅总高度mm G=total height of grating mm
BEM0440-C-120NB	4	40	120	10	20	32	10	192
BEM0640-C-200NB	6	40	200	10	20	32	10	272
BEM0840-C-280NB	8	40	280	10	20	32	10	352
BEM1040-C-360NB	10	40	360	10	20	32	10	432
BEM1240-C-440NB	12	40	440	10	20	32	10	512
BEM0420-C-60NB	4	20	60	10	10	32	10	122
BEM0620-C-100NB	6	20	100	10	10	32	10	162
BEM0820-C-140NB	8	20	140	10	10	32	10	202
BEM1020-C-180NB	10	20	180	10	10	32	10	242
BEM1220-C-200NB	12	20	200	10	10	32	10	282



驱动中间继电器接线方式 Drive intermediate relay wiring mode

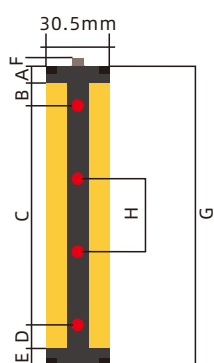


安全光幕(栅)传感器系列

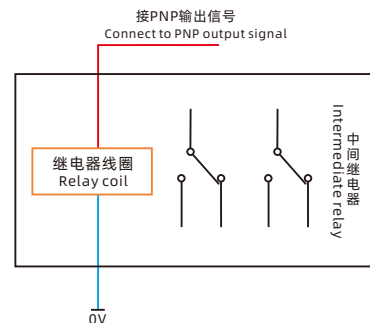
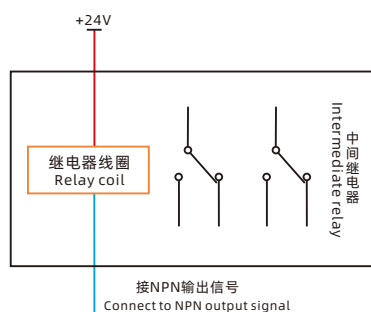
Safety light screen (grating) sensor series

外形尺寸 External dimensions

型号 model	光点数 Number of light points	H=光轴间距mm H=Optical axis distance mm	C=保护高度mm C=Protection height mm	A=上端盖高度mm A=The height of the upper end cover mm	B=盲区mm B=Blind area mm	D=盲区mm D=Blind area mm	E=下端盖高度mm E=height of lower end cap mm	F=航空插头高 度 mm F=Height of aviation plug mm	G=光栅总高度mm G=total height of grating mm
BEM0440-30NB	4	40	120	12	20	35	12	7	206
BEM0640-30NB	6	40	200	12	20	35	12	7	286
BEM0840-30NB	8	40	280	12	20	35	12	7	366
BEM1040-30NB	10	40	360	12	20	35	12	7	446
BEM1240-30NB	12	40	440	12	20	35	12	7	526
BEM1440-30NB	14	40	520	12	20	35	12	7	606
BEM1640-30NB	16	40	600	12	20	35	12	7	686
BEM1840-30NB	18	40	680	12	20	35	12	7	766
BEM2040-30NB	20	40	760	12	20	35	12	7	846
BEM2240-30NB	22	40	840	12	20	35	12	7	926
BEM2440-30NB	24	40	920	12	20	35	12	7	1006
BEM2640-30NB	26	40	1000	12	20	35	12	7	1086
BEM2840-30NB	28	40	1080	12	20	35	12	7	1166
BEM3040-30NB	30	40	1160	12	20	35	12	7	1246
BEM3240-30NB	32	40	1240	12	20	35	12	7	1326
BEM3440-30NB	34	40	1320	12	20	35	12	7	1406
BEM3640-30NB	36	40	1400	12	20	35	12	7	1486
BEM3840-30NB	38	40	1480	12	20	35	12	7	1566
BEM4040-30NB	40	40	1560	12	20	35	12	7	1646
BEM4240-30NB	42	40	1640	12	20	35	12	7	1726
BEM4440-30NB	44	40	1720	12	20	35	12	7	1806
BEM4640-30NB	46	40	1800	12	20	35	12	7	1886
BEM4840-30NB	48	40	1880	12	20	35	12	7	1966
BEM5040-30NB	50	40	1960	12	20	35	12	7	2046
BEM5240-30NB	52	40	2040	12	20	35	12	7	2126
BEM5440-30NB	54	40	2120	12	20	35	12	7	2206
BEM5640-30NB	56	40	2200	12	20	35	12	7	2286
BEM5840-30NB	58	40	2280	12	20	35	12	7	2366
BEM6040-30NB	60	40	2360	12	20	35	12	7	2446
BEM6240-30NB	62	40	2440	12	20	35	12	7	2526
BEM6440-30NB	64	40	2520	12	20	35	12	7	2606
BEM6640-30NB	66	40	2600	12	20	35	12	7	2686
BEM6840-30NB	68	40	2680	12	20	35	12	7	2766



驱动中间继电器接线方式 Drive intermediate relay wiring mode

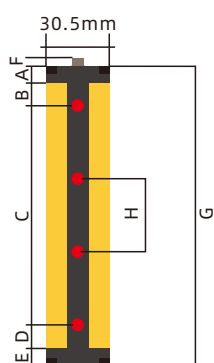


安全光幕(栅)传感器系列

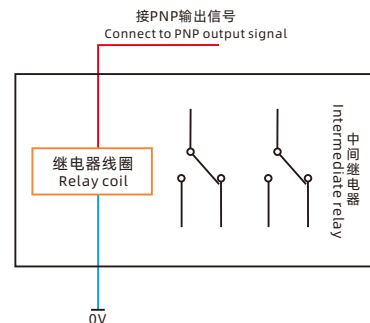
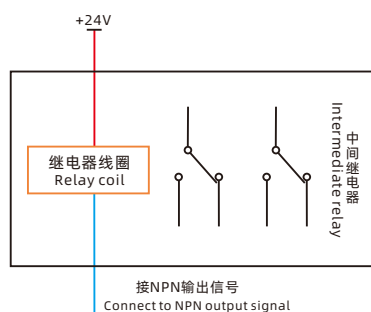
Safety light screen (grating) sensor series

外形尺寸 External dimensions

型号 model	光点数 Number of light points	H=光轴间距mm H=Optical axis distance mm	C=保护高度mm C=Protection height mm	A=上端盖高度mm A=The height of the upper end cover mm	B=盲区mm B=Blind area mm	D=盲区mm D=Blind area mm	E=下端盖高度mm E=height of lower end cap mm	F=航空插头高 度 mm F=Height of aviation plug mm	G=光栅总高度mm G=total height of grating mm
BEM0420-30NB	4	20	60	12	10	35	12	7	136
BEM0620-30NB	6	20	100	12	10	35	12	7	176
BEM0820-30NB	8	20	140	12	10	35	12	7	216
BEM1020-30NB	10	20	180	12	10	35	12	7	256
BEM1220-30NB	12	20	220	12	10	35	12	7	296
BEM1420-30NB	14	20	260	12	10	35	12	7	336
BEM1620-30NB	16	20	300	12	10	35	12	7	376
BEM1820-30NB	18	20	340	12	10	35	12	7	416
BEM2020-30NB	20	20	380	12	10	35	12	7	456
BEM2220-30NB	22	20	420	12	10	35	12	7	496
BEM2420-30NB	24	20	460	12	10	35	12	7	536
BEM2620-30NB	26	20	500	12	10	35	12	7	576
BEM2820-30NB	28	20	540	12	10	35	12	7	616
BEM3020-30NB	30	20	580	12	10	35	12	7	656
BEM3220-30NB	32	20	620	12	10	35	12	7	696
BEM3420-30NB	34	20	660	12	10	35	12	7	736
BEM3620-30NB	36	20	700	12	10	35	12	7	776
BEM3820-30NB	38	20	740	12	10	35	12	7	816
BEM4020-30NB	40	20	780	12	10	35	12	7	856
BEM4220-30NB	42	20	820	12	10	35	12	7	896
BEM4420-30NB	44	20	860	12	10	35	12	7	936
BEM4620-30NB	46	20	900	12	10	35	12	7	976
BEM4820-30NB	48	20	940	12	10	35	12	7	1016
BEM5020-30NB	50	20	980	12	10	35	12	7	1056
BEM5220-30NB	52	20	1020	12	10	35	12	7	1096
BEM5420-30NB	54	20	1060	12	10	35	12	7	1136
BEM5620-30NB	56	20	1100	12	10	35	12	7	1176
BEM5820-30NB	58	20	1140	12	10	35	12	7	1216
BEM6020-30NB	60	20	1180	12	10	35	12	7	1256
BEM6220-30NB	62	20	1220	12	10	35	12	7	1296
BEM6420-30NB	64	20	1260	12	10	35	12	7	1336
BEM6620-30NB	66	20	1300	12	10	35	12	7	1376
BEM6820-30NB	68	20	1340	12	10	35	12	7	1416



驱动中间继电器接线方式 Drive intermediate relay wiring mode



安全光幕(栅)传感器系列
Safety light screen (grating) sensor series

外形尺寸 External dimensions									
型号 model	光点数 Number of light points	H=光轴间距mm H=Optical axis distance mm	C=保护高度mm C=Protection height mm	A=上端盖高度mm A=The height of the upper end cover mm	B=盲区mm B=Blind area mm	D=盲区mm D=Blind area mm	E=下端盖高度mm E=height of lower end cap mm	F=航空插头高 度 mm F=Height of aviation plug mm	G=光栅总高度mm G=total height of grating mm
BEM0440-A-120NB	4	40	120	10	20	32	10	11	204
BEM0640-A-200NB	6	40	200	10	20	32	10	11	284
BEM0840-A-280NB	8	40	280	10	20	32	10	11	364
BEM1040-A-360NB	10	40	360	10	20	32	10	11	444
BEM1240-A-440NB	12	40	440	10	20	32	10	11	524
BEM1440-A-520NB	14	40	520	10	20	32	10	11	604
BEM1640-A-600NB	16	40	600	10	20	32	10	11	684
BEM1840-A-680NB	18	40	680	10	20	32	10	11	764
BEM2040-A-760NB	20	40	760	10	20	32	10	11	844
BEM2240-A-840NB	22	40	840	10	20	32	10	11	924
BEM2440-A-920NB	24	40	920	10	20	32	10	11	1004
BEM2640-A-1000NB	26	40	1000	10	20	32	10	11	1084
BEM2840-A-1080NB	28	40	1080	10	20	32	10	11	1164
BEM3040-A-1160NB	30	40	1160	10	20	32	10	11	1244
BEM3240-A-1240NB	32	40	1240	10	20	32	10	11	1324
型号 model	光点数 Number of light points	H=光轴间距mm H=Optical axis distance mm	C=保护高度mm C=Protection height mm	A=上端盖高度mm A=The height of the upper end cover mm	B=盲区mm B=Blind area mm	D=盲区mm D=Blind area mm	E=下端盖高度mm E=height of lower end cap mm	F=航空插头高 度 mm F=Height of aviation plug mm	G=光栅总高度mm G=total height of grating mm
BEM0420-A-60NB	4	20	60	10	10	32	10	11	144
BEM0620-A-100NB	6	20	100	10	10	32	10	11	184
BEM0820-A-140NB	8	20	140	10	10	32	10	11	224
BEM1020-A-180NB	10	20	180	10	10	32	10	11	264
BEM1220-A-200NB	12	20	200	10	10	32	10	11	304
BEM1420-A-240NB	14	20	240	10	10	32	10	11	344
BEM1620-A-280NB	16	20	280	10	10	32	10	11	384
BEM1820-A-320NB	18	20	320	10	10	32	10	11	424
BEM2020-A-360NB	20	20	360	10	10	32	10	11	464
BEM2220-A-400NB	22	20	400	10	10	32	10	11	504
BEM2420-A-440NB	24	20	440	10	10	32	10	11	544
BEM2620-A-480NB	26	20	480	10	10	32	10	11	584
BEM2820-A-520NB	28	20	520	10	10	32	10	11	624
BEM3020-A-560NB	30	20	560	10	10	32	10	11	664
BEM3220-A-600NB	32	20	600	10	10	32	10	11	704

31mm

BAF

C

H

D

E

G

33mm

驱动中间继电器接线方式 Drive intermediate relay wiring mode

+24V

继电器线圈 Relay coil

接NPN输出信号 Connect to NPN output signal

中间继电器 Intermediate relay

接PNP输出信号 Connect to PNP output signal

继电器线圈 Relay coil

0V

中间继电器 Intermediate relay

安全光幕(栅)传感器系列

Safety light screen (grating) sensor series

外形尺寸 External dimensions								
型号 model	光点数 Number of light points	H=光轴间距mm H=Optical axis distance mm	C=保护高度mm C=Protection height mm	A=上端盖高度mm A=The height of the upper end cover mm	B=盲区mm B=Blind area mm	D=盲区mm D=Blind area mm	E=下端盖高度mm E=height of lower end cap mm	G=光栅总高度mm G=total height of grating mm
BEM0440-C-120NB	4	40	120	10	20	32	10	192
BEM0640-C-200NB	6	40	200	10	20	32	10	272
BEM0840-C-280NB	8	40	280	10	20	32	10	352
BEM1040-C-360NB	10	40	360	10	20	32	10	432
BEM1240-C-440NB	12	40	440	10	20	32	10	512
BEM1440-C-520NB	14	40	520	10	20	32	10	592
BEM1640-C-600NB	16	40	600	10	20	32	10	672
BEM1840-C-680NB	18	40	680	10	20	32	10	752
BEM2040-C-760NB	20	40	760	10	20	32	10	832
BEM2240-C-840NB	22	40	840	10	20	32	10	912
BEM2440-C-920NB	24	40	920	10	20	32	10	992
BEM2640-C-1000NB	26	40	1000	10	20	32	10	1072
BEM2840-C-1080NB	28	40	1080	10	20	32	10	1152
BEM3040-C-1160NB	30	40	1160	10	20	32	10	1232
BEM3240-C-1240NB	32	40	1240	10	20	32	10	1312
型号 model	光点数 Number of light points	H=光轴间距mm H=Optical axis distance mm	C=保护高度mm C=Protection height mm	A=上端盖高度mm A=The height of the upper end cover mm	B=盲区mm B=Blind area mm	D=盲区mm D=Blind area mm	E=下端盖高度mm E=height of lower end cap mm	G=光栅总高度mm G=total height of grating mm
BEM0420-C-60NB	4	20	60	10	10	32	10	122
BEM0620-C-100NB	6	20	100	10	10	32	10	162
BEM0820-C-140NB	8	20	140	10	10	32	10	202
BEM1020-C-180NB	10	20	180	10	10	32	10	242
BEM1220-C-200NB	12	20	200	10	10	32	10	282
BEM1420-C-240NB	14	20	240	10	10	32	10	322
BEM1620-C-280NB	16	20	280	10	10	32	10	362
BEM1820-C-320NB	18	20	320	10	10	32	10	402
BEM2020-C-360NB	20	20	360	10	10	32	10	442
BEM2220-C-400NB	22	20	400	10	10	32	10	482
BEM2420-C-440NB	24	20	440	10	10	32	10	522
BEM2620-C-480NB	26	20	480	10	10	32	10	562
BEM2820-C-520NB	28	20	520	10	10	32	10	602
BEM3020-C-560NB	30	20	560	10	10	32	10	642
BEM3220-C-600NB	32	20	600	10	10	32	10	682

29.8mm

18.5mm

BA

安装孔直径
4.2mm

C

D

E

G

驱动中间继电器接线方式 Drive intermediate relay wiring mode

+24V

继电器线圈
Relay coil

接NPN输出信号
Connect to NPN output signal

中间继电器
Intermediate relay

接PNP输出信号
Connect to PNP output signal

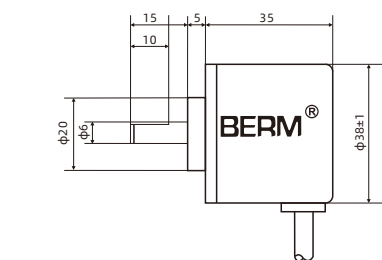
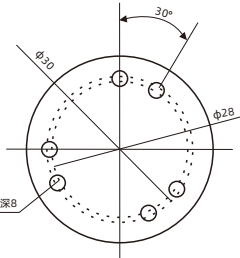
继电器线圈
Relay coil

0V

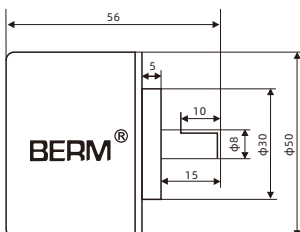
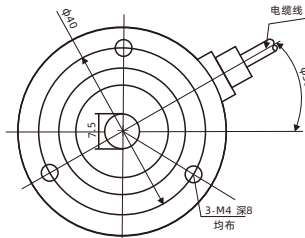
中间继电器
Intermediate relay

编码器系列

Encoder series

每转输出脉冲数P/R Number of output pulses per revolution P/R				E6B2-□□□□□ 品牌型号 Brand model number 输出方式 output method 信号: CWZ (三路信号) Signal: CWZ (three-way signal)		编码器/Encoder			
10P/R	20P/R	50P/R	60P/R			6C (NPN集电极开路输出, 5-24V) (NPN open collector output, 5-24V)			
100P/R	200P/R	300P/R	360P/R			5B (PNP集电极开路输出, 12-24V) (PNP open collector output, 12-24V)			
400P/R	500P/R	600P/R	800P/R			5G (NPN+PNP互补输出/推挽输出/推挽输出, 12-24V) 5G (NPN+PNP complementary output/ push-pull output/push-pull output, 12-24V)			
1000P/R	1024P/R	1200P/R	1500P/R			3E (电压输出)-5-12V (voltage output)-5-12V			
1600P/R	2000P/R	2048P/R	2500P/R	1X (线性驱动输出/差分输出)-5V (Linear drive output/Differential output) -5V					
3000P/R	3600P/R	4000P/R	4096P/R						
5000P/R	5400P/R								
产品型号 Product number	E6B2-CWZ6C		E6B2-CWZ5B		E6B2-CWZ5G		E6B2-CWZ3E	E6B2-CWZ1X	
电源电压 Supply voltage	DC5-26V		DC5-26V		DC5-26V		DC5-26V	DC5-26V	
消耗电流 Current consumption	≤60mA		≤60mA		≤60mA		≤60mA	≤60mA	
输出相 Output phase	A	B	Z	相 phase	A	B	Z	相 phase	
上升时间 Rise Time	/		/		/		≤1500nS	≤500nS	
下降时间 Fall time	/		/		/		≤300nS	≤200nS	
响应频率 Response frequency	0~100kHz		0~100kHz		0~100kHz		0~100kHz	0~100kHz	
最大负载 Maximum load	径向: 20N Radial		轴向: 10N Axial		最高转速 Maximum speed		5000rpm		
转动惯量 Moment of inertia	4X8 ⁻⁸ (kgm2)				允许角加速度 Allows angular acceleration		10000 (rad/s2)		
耐冲击 Shock proof	980 (x.y.z三个方向各3次, 各6mS) 980 (3 times in each of the three directions of x.y.z, 6mS each)				耐振动 Vibration resistant		50 (10~200Hz, x.y.z三个方向, 各2h) 50 (10~200Hz, three directions of x.y.z, 2h each)		
   单位: mm				工作温度 Operating temperature	-30℃~+85℃		贮存温度 Storage temperature	-35℃~+95℃	
				防护等级 Protection level	IP54		轴直径 Shaft diameter	φ6mm	
				导线长度 Wire length	2m(米)		主体外径 Body outer diameter	38mm	
				产品尺寸 Product Size	38X55mm				
				重量 weight	1pcs/0.178KG				
				脉冲数 Number of pulses	100P/R	200P/R	300P/R	360P/R	
				脉冲数 Number of pulses	400P/R	500P/R	600P/R	1000P/R	
				单价 unit price					
				脉冲数 Number of pulses	1024P/R	1200P/R	2000P/R		
				单价 unit price					
				脉冲数 Number of pulses	2500P/R				
				单价 unit price					
				脉冲数 Number of pulses	3600P/R				
				单价 unit price					
				脉冲数 Number of pulses	5000P/R				
				单价 unit price					

编码器系列 Encoder series

每转输出脉冲数P/R Number of output pulses per revolution P/R				E6C2-□□□□ 品牌型号 Brand model number 输出方式 output method 信号：CWZ (三路信号) Signal: CWZ (three-way signal)				编码器/Encoder			
10P/R	20P/R	50P/R	60P/R					6C (NPN集电极开路输出, 5-24V) (NPN open collector output, 5-24V)			
100P/R	200P/R	300P/R	360P/R					5B (PNP集电极开路输出, 12-24V) (PNP open collector output, 12-24V)			
400P/R	500P/R	600P/R	800P/R					3E (电压输出)-5-12V (voltage output)-5-12V			
1000P/R	1024P/R	1200P/R	1500P/R					1X (线性驱动输出/差分输出)-5V (Linear drive output/Differential output) -5V			
1600P/R	2000P/R	2048P/R	2500P/R								
3000P/R	3600P/R	4000P/R	4096P/R								
5000P/R	5400P/R										
产品型号 Product number		E6C2-CWZ6C		E6C2-CWZ5B		E6C2-CWZ3E		E6C2-CWZ1X			
电源电压 Supply voltage		DC5-26V		DC5-26V		DC5-26V		DC5-26V			
消耗电流 Current consumption		≤60mA		≤60mA		≤60mA		≤100mA			
输出相 Output phase		A B Z 相 phase		A B Z 相 phase		A B Z 相 phase		A $\bar{A}$ B $\bar{B}$ Z $\bar{Z}$ 相 phase			
上升时间 Rise Time		/		/		≤1500nS		≤500nS			
下降时间 Fall time		/		/		≤300nS		≤200nS			
响应频率 Response frequency		0~100kHz		0~100kHz		0~100kHz		0~100kHz			
最大负载 Maximum load		径向： 20N Radial		轴向： 10N Axial		最高转速 Maximum speed		6000rpm			
转动惯量 Moment of inertia		4X8 ⁻⁸ (kgm2)		允许角加速度 Allows angular acceleration		10000 (rad/s2)					
耐冲击 Shock proof		980 (x.y.z三个方向各3次, 各6mS) 980 (3 times in each of the three directions of x.y.z, 6mS each)		耐振动 Vibration resistant		50 (10~200Hz, x.y.z三个方向, 各2h) 50 (10~200Hz, three directions of x.y.z, 2h each)					
   单位：mm				工作温度 Operating temperature		-30℃~+85℃		贮存温度 Storage temperature		-35℃~+95℃	
				防护等级 Protection level		IP54		轴直径 Shaft diameter		φ8mm	
				导线长度 Wire length		2m(米)		主体外径 Body outer diameter		50mm	
				产品尺寸 Product Size		50X57mm					
				重量 weight		1pcs/0.262KG					
脉冲数 Number of pulses		100P/R		200P/R		300P/R		360P/R			
		400P/R		500P/R		600P/R		1000P/R			
单价 unit price											
脉冲数 Number of pulses		1024P/R		1200P/R		2000P/R					
单价 unit price											
脉冲数 Number of pulses		2500P/R									
单价 unit price											
脉冲数 Number of pulses		3600P/R									
单价 unit price											
脉冲数 Number of pulses		5000P/R									
单价 unit price											

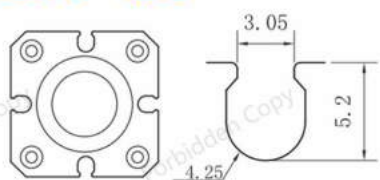
超短行程 C 型沟槽



规格表

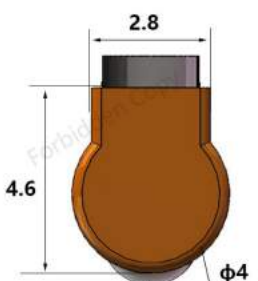
项目	型号	UG-HD	UG-HDN	UG-HDP	SUG-HD	SUG-HDN
通断形式		直流二线 NO	三线 NPN NO	三线 PNP NO	直流二线 NO	三线 NPN NO
开关逻辑		无触点式				
工艺		树脂灌封			低压一体注塑成型	
使用电压		DC10-28V				
线缆		φ2.5, 2C 橘色耐油 PUR	φ2.5, 3C 黑色耐油 PVC		φ2.5, 2C 白灰色耐油 PUR	φ2.5, 3C 黑色耐油 PVC
防护等级		IP68 防水 耐弯折 耐切削液			IP64 耐弯折	

适用气缸



适用于 HLH,HRQ,HFZ,HFY6,HFR10-25,HKQ,HLS 系列气缸。
 搭配绑带附件可用于 PB,PBR,MI,TMI,MF,MG,MAMAC,MBL,
 MCK,TWG 系列气缸。
 搭配安装附件可用于 SC,SGC 系列气缸。

开关尺寸



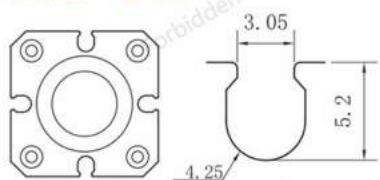
金属款 超短行程 C 型沟槽



规格表

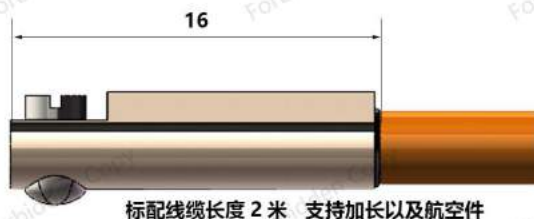
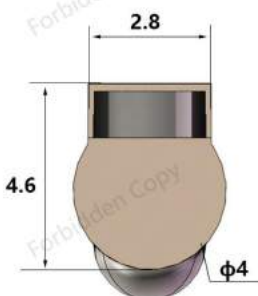
项目	型号	UG-HJD	UG-HJDN	UG-HJDP		
通断形式		直流二线 NO	三线 NPN NO	三线 PNP NO		
开关逻辑		无触点式				
工艺		树脂灌封				
使用电压		DC10-28V				
线缆		φ2.5, 2C 橘色耐油 PUR	φ2.5, 3C 黑色耐油 PVC			
特点		IP68 防水 耐弯折 耐切削液				

适用气缸



适用于 HLH,HRQ,HFZ,HFY6,HFR10-25,HKQ,HLS 系列气缸。
 搭配绑带附件可用于 PB,PBR,MI,TMI,MF,MG,MAMAC,MBL,
 MCK,TWG 系列气缸。
 搭配安装附件可用于 SC,SGC 系列气缸。

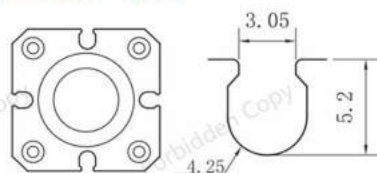
开关尺寸





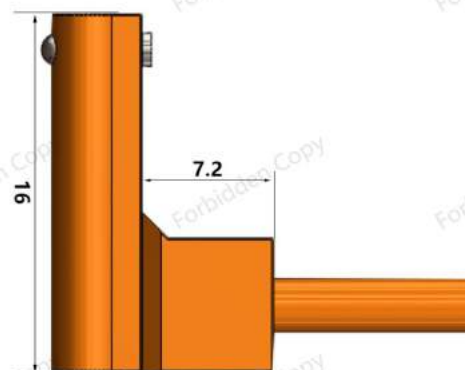
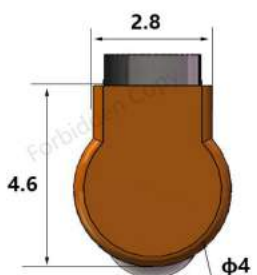
规格表						
项目	型号	UG-HLD	UG-HLDN	UG-HLDP	SUG-HLD	SUG-HLDN
通断形式		直流二线 NO	三线 NPN NO	三线 PNP NO	直流二线 NO	三线 NPN NO
开关逻辑		无触点式				
工艺		树脂灌封			低压一体注塑成型	
使用电压		DC10-28V				
线缆		φ2.5, 2C 橘色耐油 PUR	φ2.5, 3C 黑色耐油 PVC		φ2.5, 2C 白灰色耐油 PUR	φ2.5, 3C 黑色耐油 PVC
防护等级		IP68 防水 耐弯折 耐切削液			IP64 耐弯折	

适用气缸



适用于 HLH,HRQ,HFZ,HFY6,HFR10-25,HKQ,HLS 系列气缸。
 搭配绑带附件可用于 PB,PBR,MI,TMI,MF,MG,MAMAC,MBL,
 MCK,TWG 系列气缸。
 搭配安装附件可用于 SC,SGC 系列气缸。

开关尺寸

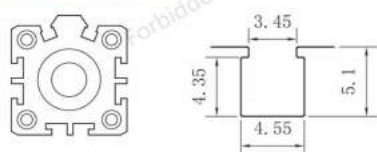


标配线缆长度 2 米 支持加长以及航空插



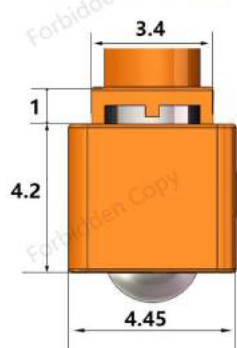
规格表					
项目	型号	UG-GLD	UG-GLDN	UG-GLDP	
通断形式		直流二线 NO	三线 NPN NO	三线 PNP NO	
开关逻辑		无触点式			
工艺		树脂灌封			
使用电压		DC 6-30V			
线缆		φ2.5, 2C 橘色耐油 PUR	φ2.5, 3C 黑色耐油 PVC		
防护等级		IP68 防水 耐弯折 耐切削液			

适用气缸



适用于 HFK,HFKL,ACQ,TACQ,SDA, TWQ,TCL.TCM
 , QCK.TWH TWM,SAU,HFZ,HFY,HFP.MD,MK AQK,BAQK
 TR,STW,MCK 等系列气缸。
 搭配绑带附件可用于 PB,PBR,MI, TMI, MF MG, MA,
 MAC,MBL,MCK,TWG 等系列气缸
 搭配安装附件可用于 SC,SGC 等系列气缸

开关尺寸



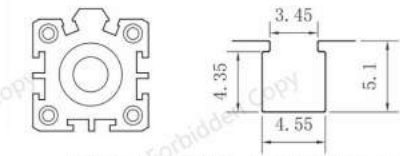
标配线缆长度 2 米 支持加长以及航空插



规格表					
项目	型号	UG-GJD	UG-GJDN	UG-GJDP	
通断形式	直流二线 NO		三线 NPN NO	三线 PNP NO	
开关逻辑	无触点式				
工艺	树脂灌封				
使用电压	DC 6-30V				
线缆	φ2.5, 2C 橘色耐油 PUR		φ2.5, 3C 黑色耐油 PVC		
防护等级	IP68 防水 耐弯折 耐切削液				

适用气缸

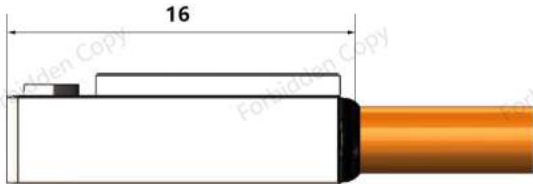
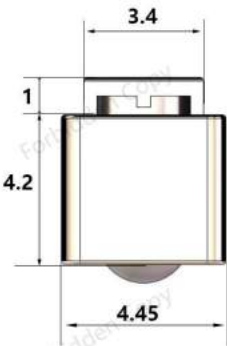
开关尺寸



适用于 HFK,HFKL,ACQ,TACQ,SDA, TWQ,TCL.TCM , QCK.TWH TWM,SAU,HFZ,HFY,HFP.MD,MK AQK,BAQK TR,STW,MCK 等系列气缸。

搭配绑带附件可用于 PB,PBR,MI, TMI, MF MG, MA, MAC,MBL,MCK,TWG 等系列气缸

搭配安装附件可用于 SC,SGC 等系列气缸



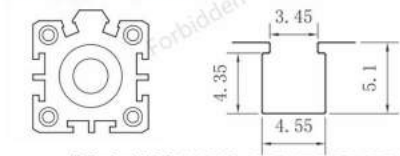
标配线缆长度 2 米 支持加长以及航空插



规格表					
项目	型号	UG-HD	SUG-HD	UG-HDN	UG-HDP
通断形式	直流二线 NO	三线 NPN NO	三线 PNP NO		
开关逻辑	无触点式				
工艺	树脂灌封	低压一体 注塑成型	树脂灌封	低压一体 注塑成型	树脂灌封
使用电压	DC 6-30V				
线缆	φ2.5, 2C 橘色耐油 PUR	φ2.5, 2C 橘色耐油 PUR	φ2.5, 3C 黑色耐油 PVC		
防护等级	IP68 防水 耐弯折 耐切削液	IP64 耐弯折	IP68 防水 耐弯折 耐切削液	IP64 耐弯折	IP68 防水 耐弯折 耐切削液

适用气缸

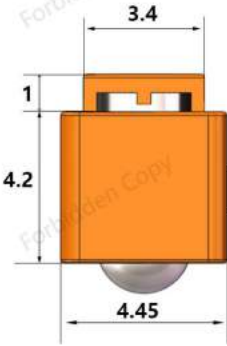
开关尺寸



适用于 HFK,HFKL,ACQ,TACQ,SDA, TWQ,TCL.TCM , QCK.TWH TWM,SAU,HFZ,HFY,HFP.MD,MK AQK,BAQK TR,STW,MCK 等系列气缸。

搭配绑带附件可用于 PB,PBR,MI, TMI, MF MG, MA, MAC,MBL,MCK,TWG 等系列气缸

搭配安装附件可用于 SC,SGC 等系列气缸



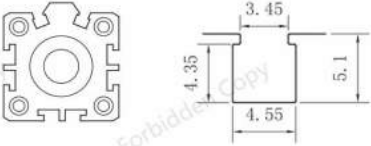
标配线缆长度 2 米 支持加长以及航空插



规格表					
项目	型号	UG-ELD	UG-ELDN	UG-ELDP	
通断形式	直流二线 NO		三线 NPN NO	三线 PNP NO	
开关逻辑	无触点式				
工艺	树脂灌封				
使用电压	DC 6-30V				
线缆	φ2.5, 2C 橙色耐油 PUR		φ2.5, 3C 黑色耐油 PVC		
防护等级	IP68 防水 耐弯折 耐切削液				

适用气缸

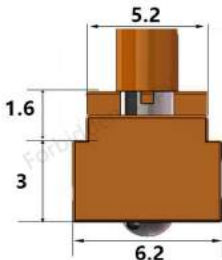
开关尺寸



适用于 HFK,HFKL,ACQ,TACQ,SDA, TWQ,TCL.TCM , QCK.TWH TWM,SAU,HFZ,HFY,HFP.MD,MK AQK,BAQK TR,STW,MCK 等系列气缸。

搭配绑带附件可用于 PB,PBR,MI, TMI, MF MG, MA, MAC,MBL,MCK,TWG 等系列气缸

搭配安装附件可用于 SC,SGC 等系列气缸



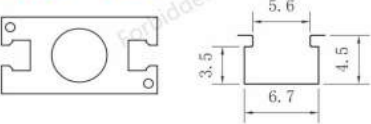
标配线缆长度 2 米 支持加长以及航空插



规格表						
项目	型号	UG-ED	UG-EDN	UG-EDP	SUG-ED	SUG-EDN
通断形式		直流二线 NO	三线 NPN NO	三线 PNP NO	直流二线 NO	三线 NPN NO
开关逻辑	无触点式					
工艺	树脂灌封			低压注塑成型		
使用电压	DC 6-30V					
线缆	φ2.5, 2C 橙色耐油 PUR		φ2.5, 3C 黑色耐油 PVC		φ2.5, 2C 橙色耐油 PUR	φ2.5, 3C 黑色耐油 PVC
防护等级	IP68 防水 耐弯折 耐切削液				IP64 耐弯折	

适用气缸

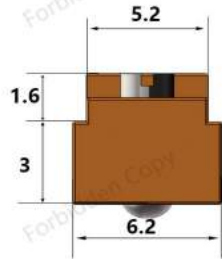
开关尺寸



适用于 HFK,HFKL,ACQ,TACQ,SDA, TWQ,TCL.TCM , QCK.TWH TWM,SAU,HFZ,HFY,HFP.MD,MK AQK,BAQK TR,STW,MCK 等系列气缸。

搭配绑带附件可用于 PB,PBR,MI, TMI, MF MG, MA, MAC,MBL,MCK,TWG 等系列气缸

搭配安装附件可用于 SC,SGC 等系列气缸

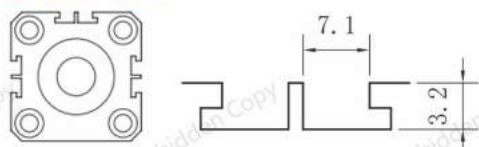


标配线缆长度 2 米 支持加长以及航空插



规格表					
项目	型号	UG-JD	UG-JDN	UG-JDP	
通断形式		直流二线 NO			
开关逻辑		无触点式			
工艺		树脂灌封			
使用电压		DC 6-30V			
线缆		φ2.5, 2C 橙色耐油 PUR	φ2.5, 3C 黑色耐油 PVC		
防护等级		IP68 防水 耐弯折 耐切削液			

适用气缸

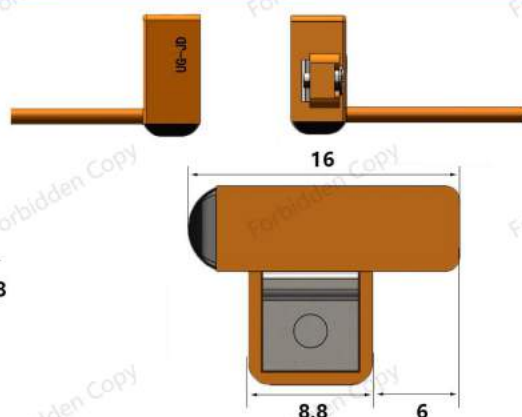
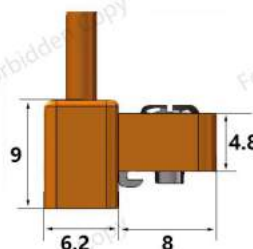


适用于 HFK,HFKL,ACQ,TACQ,SDA, TWQ,TCL.TCM , QCK.TWH TWM,SAU,HFZ,HFY,HFP.MD,MK AQK,BAQK TR,STW,MCK 等系列气缸。

搭配绑带附件可用于 PB,PBR,MI, TMI, MF MG, MA, MAC,MBL,MCK,TWG 等系列气缸

搭配安装附件可用于 SC,SGC 等系列气缸

开关尺寸

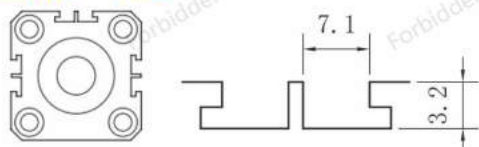


标配线缆长度 2 米 支持加长以及航空插



规格表					
项目	型号	UG-JDZ	UG-JDZN	UG-JDZP	
通断形式		直流二线 NO	三线 NPN NO	三线 PNP NO	
开关逻辑		无触点式			
工艺		树脂灌封			
使用电压		DC 6-30V			
线缆		φ2.5, 2C 橙色耐油 PUR	φ2.5, 3C 黑色耐油 PVC		
防护等级		IP68 防水 耐弯折 耐切削液			

适用气缸

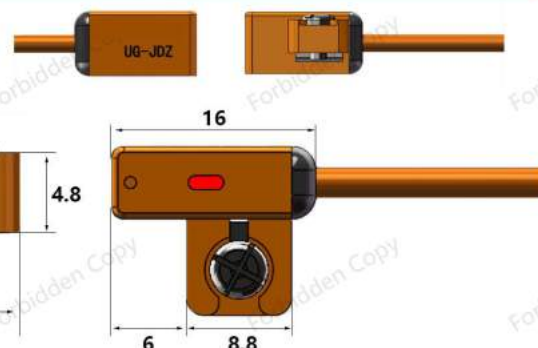
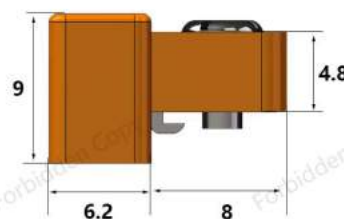


适用于 HFK,HFKL,ACQ,TACQ,SDA, TWQ,TCL.TCM , QCK.TWH TWM,SAU,HFZ,HFY,HFP.MD,MK AQK,BAQK TR,STW,MCK 等系列气缸。

搭配绑带附件可用于 PB,PBR,MI, TMI, MF MG, MA, MAC,MBL,MCK,TWG 等系列气缸

搭配安装附件可用于 SC,SGC 等系列气缸

开关尺寸



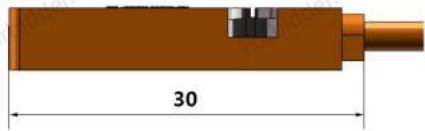
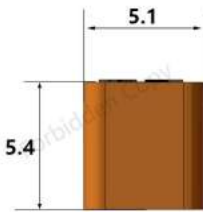
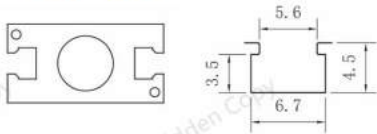
标配线缆长度 2 米 支持加长以及航空插



规格表					
项目	型号	SUG-T5	SUG-T5N	SUG-T5P	
通断形式	直流二线 NO		三线 NPN NO	三线 NPN NO	
开关逻辑	无触点式				
工艺	低压一体注塑成型				
使用电压	DC 6-30V				
线缆	φ2.5, 2C 橘色耐油 PUR		φ2.5, 3C 黑色耐油 PVC		
防护等级	IP64 耐弯折				

适用气缸

开关尺寸

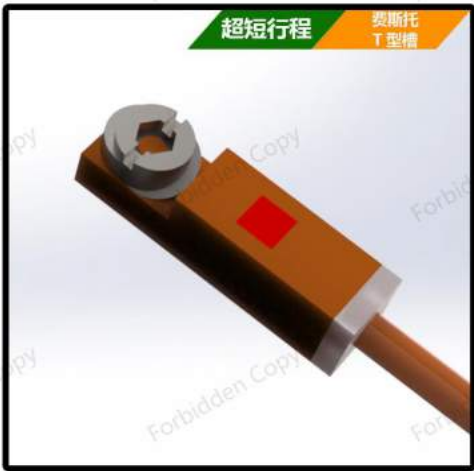


适用于 HFK,HFKL,ACQ,TACQ,SDA, TWQ,TCL.TCM
, QCK.TWH TWM,SAU,HFZ,HFY,HFP.MD,MK AQK,BAQK
TR,STW,MCK 等系列气缸。

搭配绑带附件可用于 PB,PBR,MI, TMI, MF MG, MA,
MAC,MBL,MCK,TWG 等系列气缸

搭配安装附件可用于 SC,SGC 等系列气缸

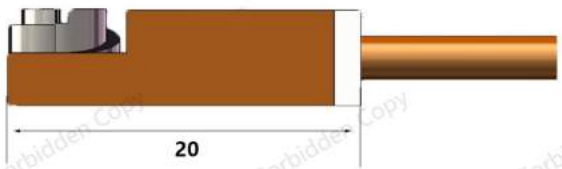
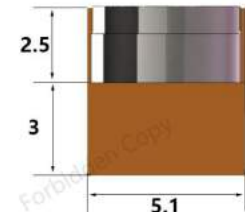
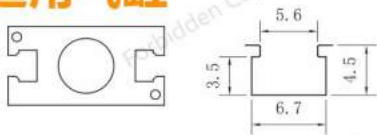
标配线缆长度 2 米 支持加长以及航空插



规格表					
项目	型号	SUG-T5D	SUG-T5DN	SUG-T5DP	
通断形式	直流二线 NO	三线 NPN NO	三线 PNP NO		
开关逻辑	无触点式				
工艺	低压一体注塑成型				
使用电压	DC 6-30V				
线缆	φ2.5, 2C 橙色耐油 PUR	φ2.5, 3C 黑色耐油 PVC			
防护等级	IP64 耐弯折				

适用气缸

开关尺寸



适用于 HFK,HFKL,ACQ,TACQ,SDA, TWQ,TCL.TCM
, QCK.TWH TWM,SAU,HFZ,HFY,HFP.MD,MK AQK,BAQK
TR,STW,MCK 等系列气缸。

搭配绑带附件可用于 PB,PBR,MI, TMI, MF MG, MA,
MAC,MBL,MCK,TWG 等系列气缸

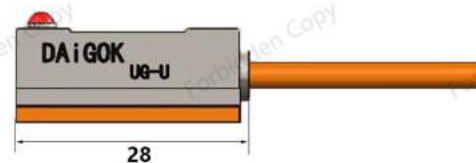
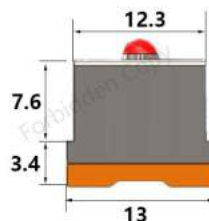
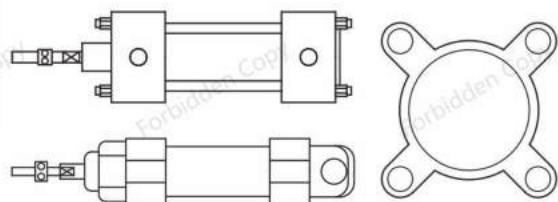
搭配安装附件可用于 SC,SGC 等系列气缸



规格表					
项目	型号	UG-U	UG-UN	UG-UP	
通断形式	直流二线 NO	三线 NPN NO	三线 PNP NO		
开关逻辑	无触点式				
工艺	树脂灌封				
使用电压	DC 6-30V				
线缆	φ2.5, 2C 白色耐高温 硅胶线	φ2.5, 3C 黑色耐油 PVC			
防护等级	IP68 防水 耐弯折 耐切削型				

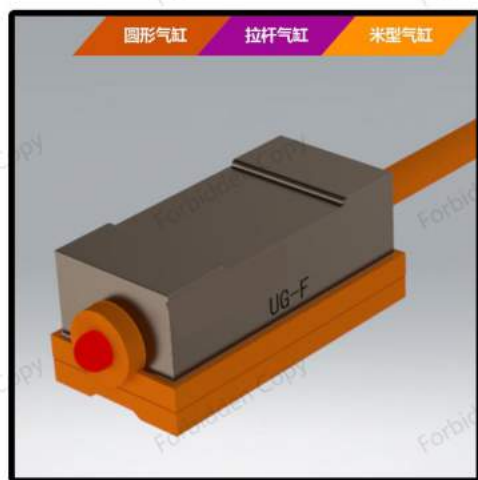
适用气缸

开关尺寸



适用于 CDM2B/MA/MI/SC/SI 等系列气缸。
(需搭配绑带或支架 绑带支架需另购)

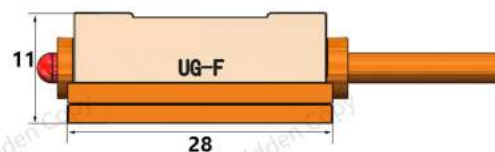
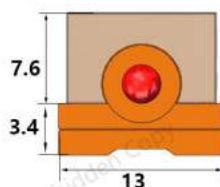
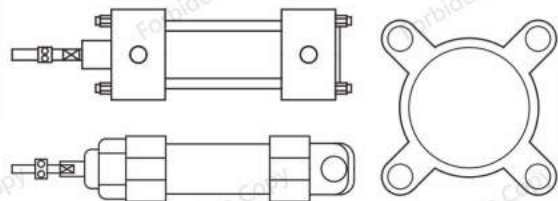
标配线缆长度 2 米 支持加长以及航空插



规格表					
项目	型号	UG-F	UG-FN	UG-FP	
通断形式	直流二线 NO	三线 NPN NO	三线 PNP NO		
开关逻辑	无触点式				
工艺	树脂灌封				
使用电压	DC 6-30V				
线缆	φ2.5, 2C 白色耐高温 硅胶线	φ2.5, 3C 黑色耐油 PVC			
防护等级	IP68 防水 耐弯折 耐切削型				

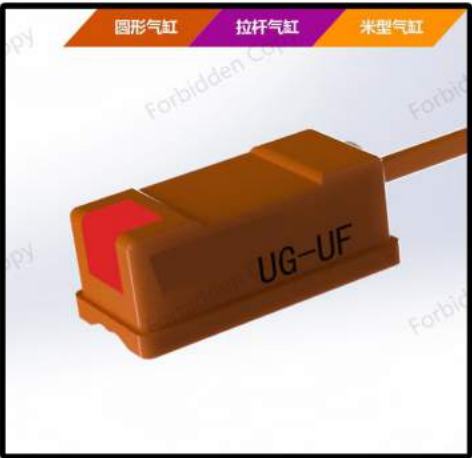
适用气缸

开关尺寸



适用于 CDM2B/MA/MI/SC/SI 等系列气缸。
(需搭配绑带或支架 绑带支架需另购)

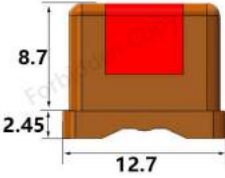
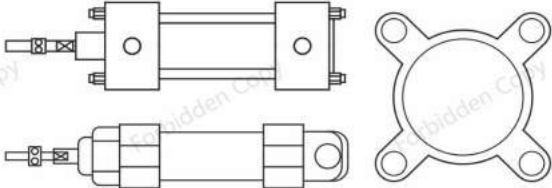
标配线缆长度 2 米 支持加长以及航空插



规格表					
项目	型号	SUG-UF	SUG-UFN	SUG-UPF	
通断形式		直流二线 NO	三线 NPN NO	三线 PNP NO	
开关逻辑		无触点式			
工艺		低压注塑一体成型			
使用电压		DC 6-30V			
线缆		φ2.5, 2C 橙色耐油 PUR	φ2.5, 3C 黑色耐油 PVC		
防护等级		IP64 耐弯折			

适用气缸

开关尺寸



适用于 CDM2B/MA/MI/SC/SI 等系列气缸。
(需搭配绑带或支架 绑带支架需另购)

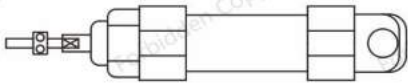
标配线缆长度 2 米 支持加长以及航空插



规格表					
项目	型号	UG-M	UG-MN	UG-MP	
通断形式		直流二线 NO	三线 NPN NO	三线 PNP NO	
开关逻辑		无触点式			
工艺		树脂灌封			
使用电压		DC 6-30V			
线缆		φ2.5, 2C 橙色耐油 PUR	φ2.5, 3C 黑色耐油 PVC		
特点		IP68 防水 耐弯折 耐切削液			

适用气缸

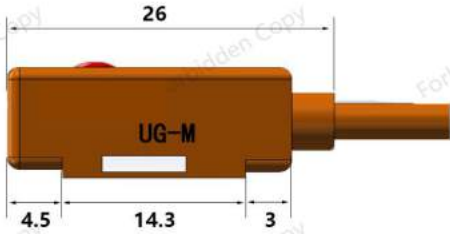
开关尺寸



适用于 CDM2B/MA/MI 等系列气缸。
(自带绑带)



订购时型号后缀加缸径
例如 16 绑带 UG-M-16
可选择 06/10/12/16/20/25/32/
通用绑带 (可用 60 以下缸径)



标配线缆长度 2 米 支持加长以及航空插

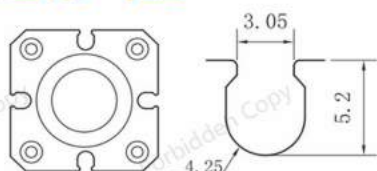


C 型沟槽

规格表

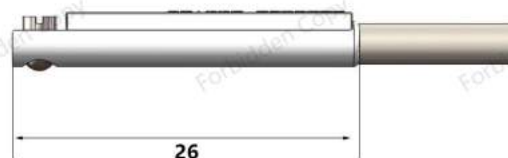
项目	型号	SD-A93	D-A93	DM-B4AD		
通断形式		直流二线 NO				
开关逻辑		有触点式				
工艺		低压一体注塑成型	树脂灌封			
使用电压		DC 6-30V				
线缆		φ2.5, 2C 白灰色耐油 PVC		φ2.5, 2C 白灰色耐油 硅胶线		
防护等级		IP64	IP68	耐高温型		

适用气缸



适用于 HLH,HRQ,HFZ,HFY6,HFR10-25,HKQ,HLS 系列气缸。
搭配绑带附件可用于 PB.PBR.MI.TMI.MF.MG.MAMAC,MBL,
MCK.TWG 系列气缸。
搭配安装附件可用于 SC,SGC 系列气缸。

开关尺寸



标配线缆长度 2 米 支持加长以及航空插

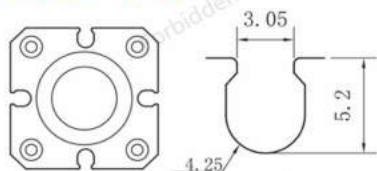


C 型沟槽

规格表

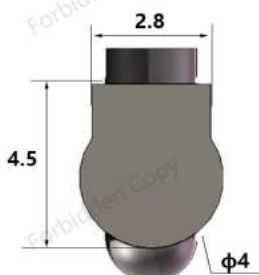
项目	型号	D-M9B	D-M9BN	D-M9BP		
通断形式		直流二线 NO	三线 NPN NO	三线 PNP NO		
开关逻辑		无触点式				
工艺		低压一体注塑成型				
使用电压		DC 6-30V				
线缆		φ2.5, 2C 白色耐油 PUR	φ2.5, 3C 黑色耐油 PVC			
防护等级		IP64 耐弯折				

适用气缸



适用于 HLH,HRQ,HFZ,HFY6,HFR10-25,HKQ,HLS 系列气缸。
搭配绑带附件可用于 PB.PBR.MI.TMI.MF.MG.MAMAC,MBL,
MCK.TWG 系列气缸。
搭配安装附件可用于 SC,SGC 系列气缸。

开关尺寸



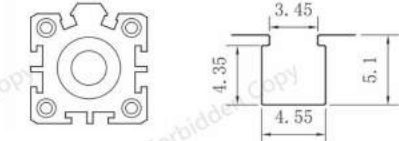
标配线缆长度 2 米 支持加长以及航空插



亚德客
方形沟槽

规格表						
项目	型号	DM-C4AD	CMSG	DMSG	DMSG-N	DMSG-P
通断形式	直流二线 NO			三线 NPN NO		三线 PNP NO
开关逻辑	有触点式			无触点式		
工艺	树脂灌封		低压一体注塑成型			
使用电压	DC 6-30V					
线缆	φ2.5, 2C 白灰色 硅胶线		φ2.5, 2C 白灰色耐油 PUR		φ2.5, 3C 黑色耐油 PVC	
防护等级	耐高温		IP64 耐弯折			

适用气缸

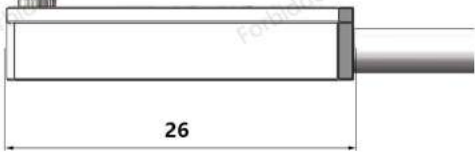


适用于 HFK,HFKL,ACQ,TACQ,SDA, TWQ,TCL.TCM , QCK.TWH TWM,SAU,HFZ,HFY,HFP.MD,MK AQK,BAQK TR,STW,MCK 等系列气缸。

搭配绑带附件可用于 PB,PBR,MI, TMI, MF MG, MA, MAC,MBL,MCK,TWG 等系列气缸

搭配安装附件可用于 SC,SGC 等系列气缸

开关尺寸



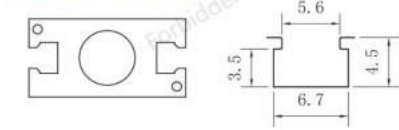
标配线缆长度 2 米 支持加长以及航空插



T 型槽

规格表					
项目	型号	D-Z73	DM-C6AD		
通断形式		直流二线 NO			
开关逻辑		有触点式			
工艺		树脂灌封			
使用电压		DC 6-30V			
线缆		φ2.5, 2C 白灰色耐油 PVC	φ2.5, 2C 白色耐油 硅胶线		
防护等级		IP68 防水	耐高温型		

适用气缸

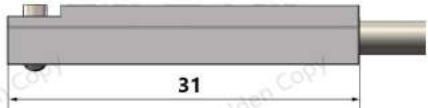
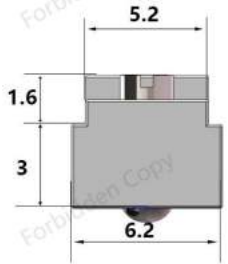


适用于 HFK,HFKL,ACQ,TACQ,SDA, TWQ,TCL.TCM , QCK.TWH TWM,SAU,HFZ,HFY,HFP.MD,MK AQK,BAQK TR,STW,MCK 等系列气缸。

搭配绑带附件可用于 PB,PBR,MI, TMI, MF MG, MA, MAC,MBL,MCK,TWG 等系列气缸

搭配安装附件可用于 SC,SGC 等系列气缸

开关尺寸



标配线缆长度 2 米 支持加长以及航空插

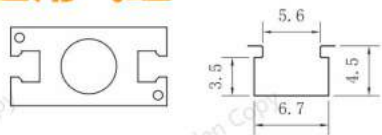


T 型槽

规格表

项目	型号	CMSE	DMSE	DMSE-N	DMSE-P	
通断形式		直流二线 NO	直流二线 NO	三线 NPN NO	三线 NPN NO	
开关逻辑		有触点式	无触点式			
工艺		低压一体注塑成型				
使用电压		DC 6-30V				
线缆		φ2.5, 2C 白灰色耐油 PUR		φ2.5, 3C 黑色耐油 PVC		
防护等级		IP64 耐弯折				

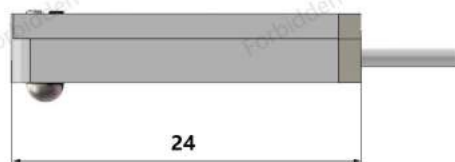
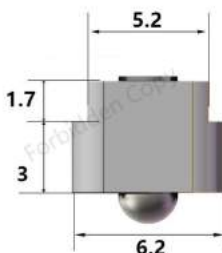
适用气缸



适用于 HFK,HFKL,ACQ,TACQ,SDA, TWQ,TCL.TCM, QCK.TWH TWM,SAU,HFZ,HFY,HFP.MD,MK AQK,BAQK TR,STW,MCK 等系列气缸。

搭配绑带附件可用于 PB,PBR,MI, TMI, MF MG, MA, MAC,MBL,MCK,TWG 等系列气缸
搭配安装附件可用于 SC,SGC 等系列气缸

开关尺寸



标配线缆长度 2 米 支持加长以及航空插

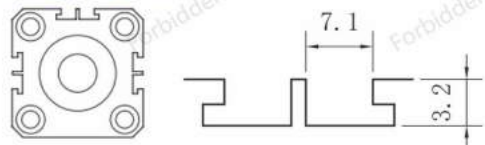


亚德客
L 型槽

规格表

项目	型号	CS1-J	DM-C7AD	DG-C7AD		
通断形式		直流二线 NO				
开关逻辑		有触点式		无触点式		
工艺		树脂灌封				
使用电压		DC 6-30V				
线缆		φ2.5, 2C 白灰色耐油 PVC	φ2.5, 3C 白灰色耐高温硅胶线			
防护等级		IP68 防水	耐高温型			

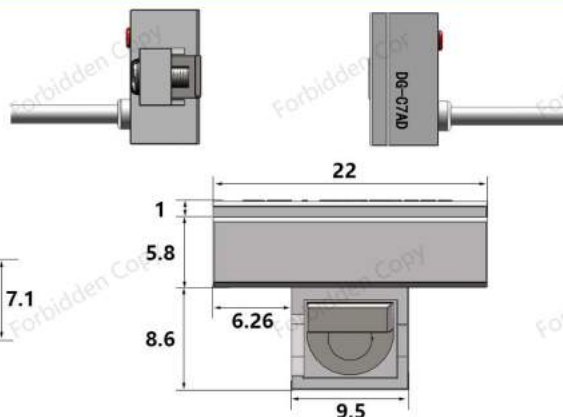
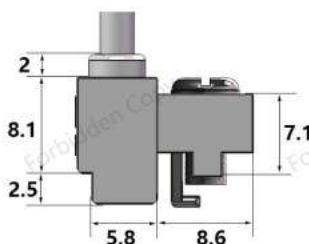
适用气缸



适用于 HFK,HFKL,ACQ,TACQ,SDA, TWQ,TCL.TCM, QCK.TWH TWM,SAU,HFZ,HFY,HFP.MD,MK AQK,BAQK TR,STW,MCK 等系列气缸。

搭配绑带附件可用于 PB,PBR,MI, TMI, MF MG, MA, MAC,MBL,MCK,TWG 等系列气缸
搭配安装附件可用于 SC,SGC 等系列气缸

开关尺寸



标配线缆长度 2 米 支持加长以及航空插



规格表					
项目	型号	DMSJ	DMSJ-N	DMSJ-P	
通断形式	直流二线 NO		三线 NPN NO	三线 PNP NO	
开关逻辑	无触点式				
工艺	低压一体注塑成型				
使用电压	DC 6-30V				
线缆	φ2.5, 2C 橙色耐油 PUR		φ2.5, 3C 黑色耐油 PVC		
防护等级	IP64 耐弯折				

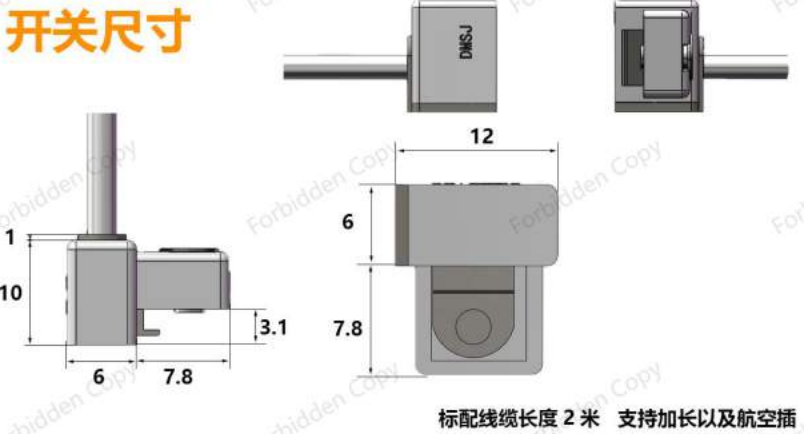
适用气缸

开关尺寸

适用于 HFK,HFKL,ACQ,TACQ,SDA, TWQ,TCL.TCM , QCK.TWH TWM,SAU,HFZ,HFY,HFP.MD,MK AQK,BAQK TR,STW,MCK 等系列气缸。

搭配绑带附件可用于 PB,PBR,MI, TMI, MF MG, MA, MAC,MBL,MCK,TWG 等系列气缸

搭配安装附件可用于 SC,SGC 等系列气缸



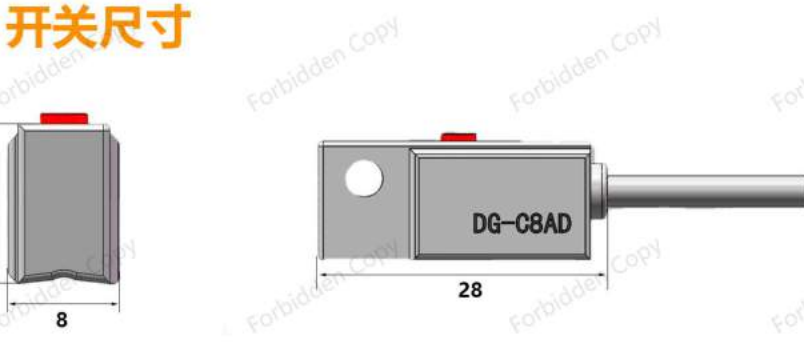
规格表					
项目	型号	D-C73	DM-C8AD	DG-C8AD	
通断形式	直流二线 NO				
开关逻辑	有触点式		无触点式		
工艺	树脂灌封				
使用电压	DC 6-30V				
线缆	φ2.5, 2C 白灰色耐油 PVC		φ2.5, 3C 白灰色耐高温硅胶线		
防护等级	IP68 防水		耐高温型		

适用气缸

开关尺寸

适用于 CDM2B/MA/MI 等系列气缸。

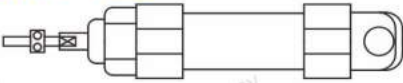
需要搭配绑带（绑带另购）





规格表					
项目	型号	DG-D7AD	DG-D7AN	DG-D7AP	
通断形式	直流二线 NO	三线 NPN NO	三线 PNP NO		
开关逻辑	无触点式				
工艺	树脂灌封				
使用电压	DC 6-30V				
线缆	φ2.5, 2C 白色耐高温 硅胶线	φ2.5, 3C 黑色耐油 PVC			
防护等级	耐高温型	IP68 防水			

适用气缸

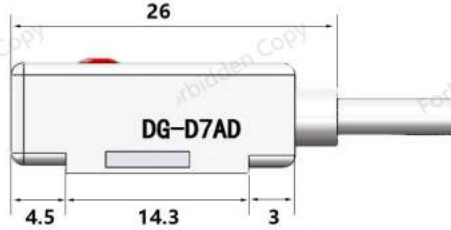
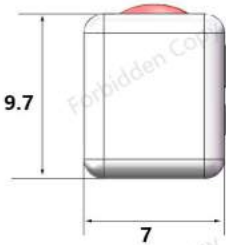


适用于 CDM2B/MA/MI 等系列气缸。
(自带绑带)



订购时型号后缀加缸径
例如 16 绑带 UG-M-16
可选择 06/10/12/16/20/25/32/
通用绑带 (可用 60 以下缸径)

开关尺寸



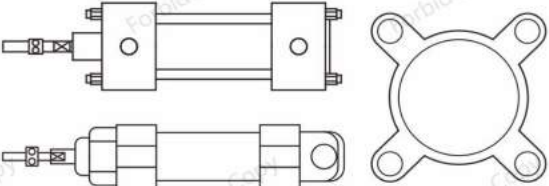
标配线缆长度 2 米 支持加长以及航空插



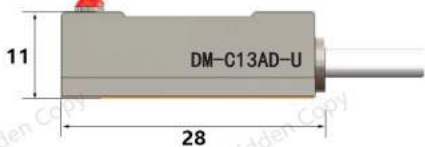
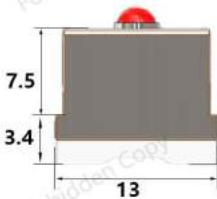
规格表						
项目	型号	CS1-U	DM-C13AD-U	DG-C13AD-U	DG-C13AN-U	DG-C13AP-U
通断形式		直流二线 NO			三线 NPN NO	三线 PNP NO
开关逻辑		有触点式		无触点式		
工艺		树脂灌封				
使用电压		DC/AC 6-220V		DC6-30V		
线缆		φ2.5, 2C 白灰色耐油 PVC	φ2.5, 2C 白灰色耐油 硅胶线		φ2.5, 3C 黑色耐油 PVC	
防护等级		IP68 防水	耐高温型		IP68 防水	

适用气缸

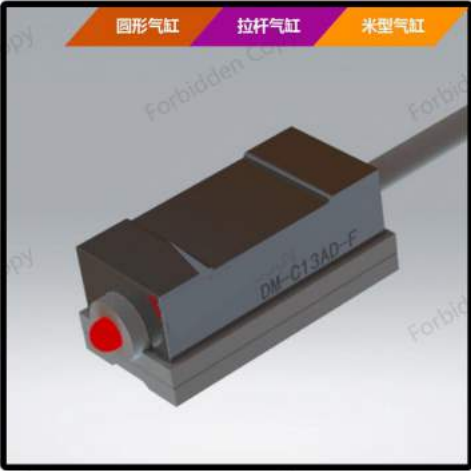
开关尺寸



适用于 CDM2B/MA/MI/SC/SI 等系列气缸。
(需搭配绑带或支架 绑带支架需另购)

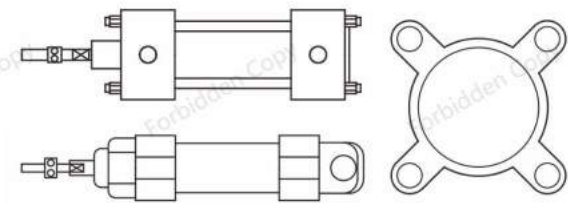


标配线缆长度 2 米 支持加长以及航空插

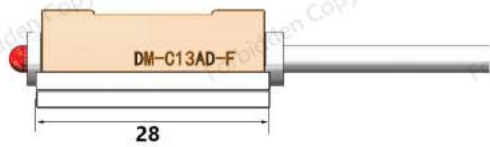
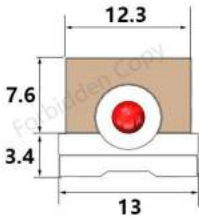


规格表						
项目	型号	CS1-F	DM-C13AD-F	DG-C13AD-F	DG-C13AN-F	DG-C13AP-F
通断形式	直流二线 NO			三线 NPN NO	三线 PNP NO	
开关逻辑	有触点式		无触点式			
工艺	树脂灌封					
使用电压	DC/AC 6-220V		DC6-30V			
线缆	φ2.5, 2C 白灰色耐油 PVC		φ2.5, 2C 白灰色耐油 硅胶线		φ2.5, 3C 黑色耐油 PVC	
防护等级	IP68 防水		耐高温型		IP68 防水	

适用气缸



开关尺寸

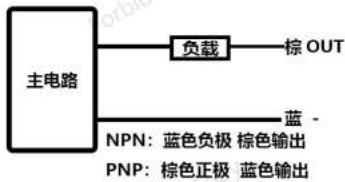


适用于 CDM2B/MA/MI/SC/SI 等系列气缸。
(需搭配绑带或支架 绑带支架需另购)

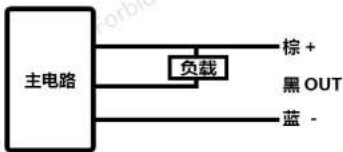
标配线缆长度 2 米 支持加长以及航空插

接线方式

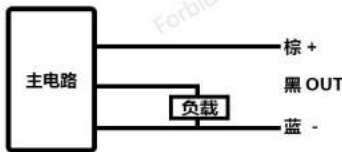
二线制



三线 NPN 型



三线 PNP 型



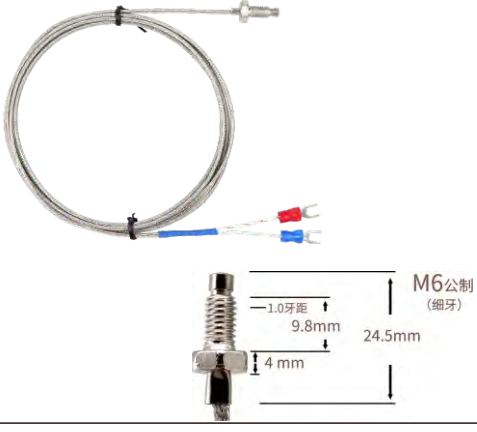
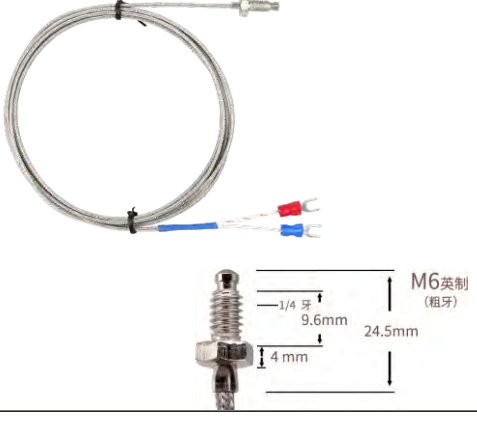
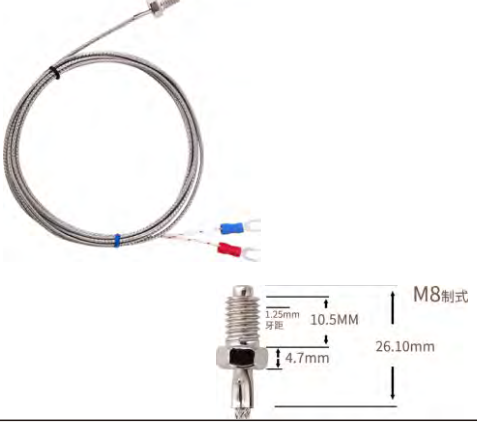
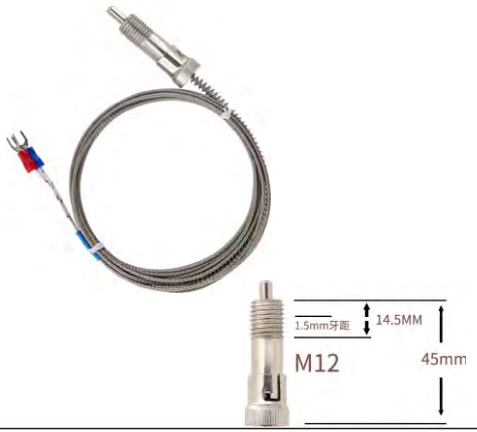
测试方式



(便携式传感器测试盒)

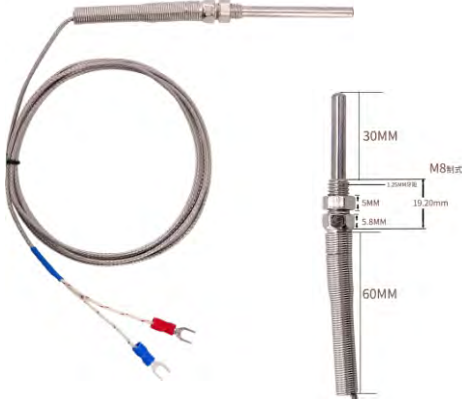
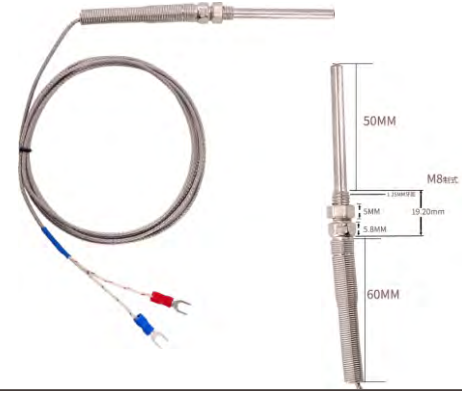
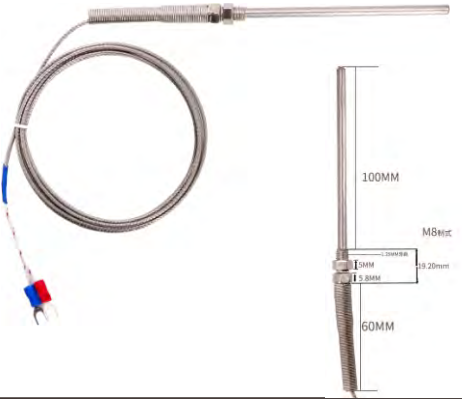
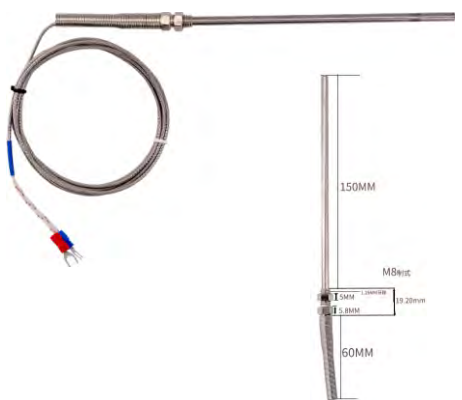
热电偶 热电阻系列

Thermocouple Thermal resistance series

 M6公制 (细牙)	产品型号 Product model	M6 螺钉式热电偶/M6 screw formula thermocouple					
	螺纹规格 Thread specification	M6公制(细牙)1.0牙距/M6 metric (fine teeth)1.0 pitch					
	测量范围 Measuring range	0-400℃					
	分度号 Index number	K型/Type K		引线材质 Wire material	纯镍编织屏蔽线 Pure nickel braided shielded wire		
	探头直径 Probe diameter	4.5MM		螺纹长度 Thread length	9.8MM		
	引线长度 Lead length	0.5米	1米	2米	3米	4米	5米
	重量 weight	10pcs 0.102KG	1pcs 0.019KG	1pcs 0.030KG	1pcs 0.043KG	1pcs 0.053KG	1pcs 0.065KG
	单价 unit price						
 M6英制 (粗牙)	产品型号 Product model	M6 螺钉式热电偶/M6 screw formula thermocouple					
	螺纹规格 Thread specification	M6英制(粗牙)1/4牙/M6 inch (coarse teeth) 1/4 teeth					
	测量范围 Measuring range	0-400℃					
	分度号 Index number	K型/Type K		引线材质 Wire material	纯镍编织屏蔽线 Pure nickel braided shielded wire		
	探头直径 Probe diameter	4.5MM		螺纹长度 Thread length	9.8MM		
	引线长度 Lead length	0.5米	1米	2米	3米	4米	5米
	重量 weight	10pcs 0.102KG	1pcs 0.019KG	1pcs 0.030KG	1pcs 0.043KG	1pcs 0.053KG	1pcs 0.065KG
	单价 unit price						
 M8制式	产品型号 Product model	M8 螺钉式热电偶/M8 screw formula thermocouple					
	螺纹规格 Thread specification	M8 1.25mm牙距/M8 tooth pitch 1.25 mm					
	测量范围 Measuring range	0-400℃					
	分度号 Index number	K型/Type K		引线材质 Wire material	纯镍编织屏蔽线 Pure nickel braided shielded wire		
	探头直径 Probe diameter	4.5MM		螺纹长度 Thread length	9.8MM		
	引线长度 Lead length	1米	2米	3米	4米	5米	
	重量 weight	1pcs 0.020KG	1pcs 0.031KG	1pcs 0.044KG	1pcs 0.054KG	1pcs 0.066KG	
	单价 unit price						
 M12	产品型号 Product model	M12 压扣式热电偶/M12 Pressure buckle formula Thermocouple					
	螺纹规格 Thread specification	M12 1.5mm牙距/M12 tooth pitch 1.5 mm					
	测量范围 Measuring range	0-400℃					
	分度号 Index number	K型/Type K		引线材质 Wire material	纯镍编织屏蔽线 Pure nickel braided shielded wire		
	探头直径 Probe diameter	4.5MM		螺纹长度 Thread length	14.5MM		
	引线长度 Lead length	1米	2米	3米	4米	5米	
	重量 weight	1pcs 0.038KG	1pcs 0.050KG	1pcs 0.059KG	1pcs 0.071KG	1pcs 0.096KG	
	单价 unit price						

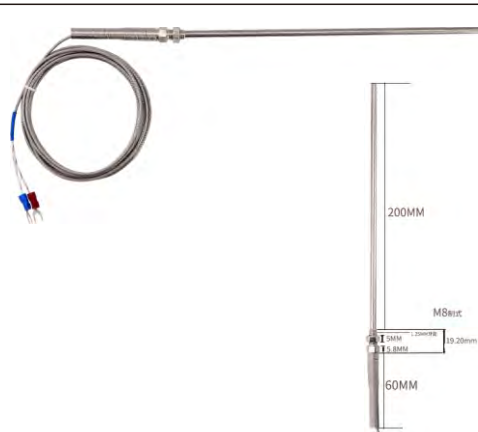
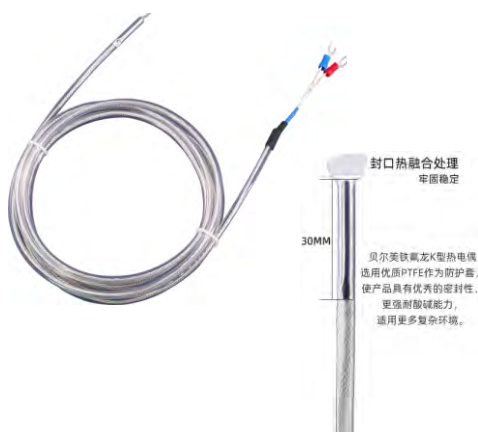
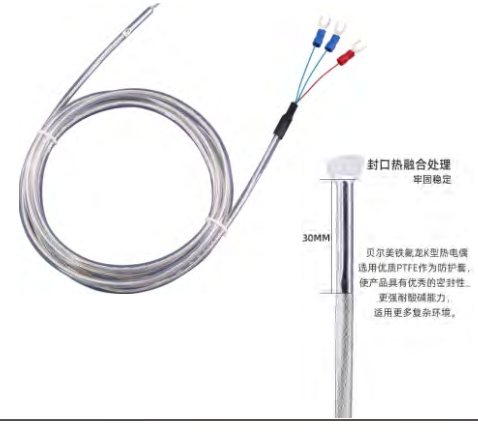
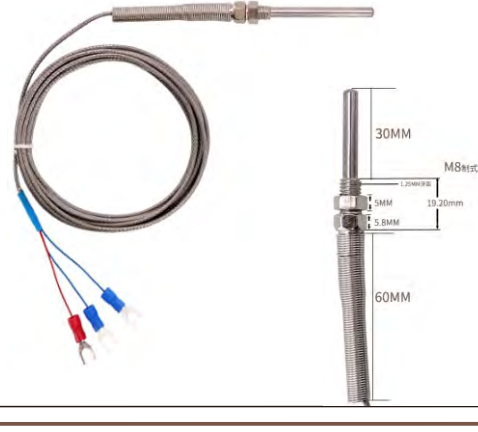
热电偶 热电阻系列

Thermocouple Thermal resistance series

	产品型号 Product model	探针式热电偶/Probe type thermocouple				
	螺纹规格 Thread specification	M8 1.25mm牙距/M8 tooth pitch 1.25 mm				
	测量范围 Measuring range	0-400°C		探针长度 Probe length	30MM	
	分度号 Index number	K型/Type K		引线材质 Wire material	纯镍编织屏蔽线 Pure nickel braided shielded wire	
	探头直径 Probe diameter	5MM		螺纹长度 Thread length	13.5MM	
	引线长度 Lead length	1米	2米	3米	4米	5米
	重量 weight	1pcs 0.031KG	1pcs 0.044KG	1pcs 0.055KG	1pcs 0.068KG	1pcs 0.077KG
	单价 unit price					
	产品型号 Product model	探针式热电偶/Probe type thermocouple				
	螺纹规格 Thread specification	M8 1.25mm牙距/M8 tooth pitch 1.25 mm				
	测量范围 Measuring range	0-400°C		探针长度 Probe length	50MM	
	分度号 Index number	K型/Type K		引线材质 Wire material	纯镍编织屏蔽线 Pure nickel braided shielded wire	
	探头直径 Probe diameter	5MM		螺纹长度 Thread length	13.5MM	
	引线长度 Lead length	1米	2米	3米	4米	5米
	重量 weight	1pcs 0.032KG	1pcs 0.045KG	1pcs 0.054KG	1pcs 0.068KG	1pcs 0.077KG
	单价 unit price					
	产品型号 Product model	探针式热电偶/Probe type thermocouple				
	螺纹规格 Thread specification	M8 1.25mm牙距/M8 tooth pitch 1.25 mm				
	测量范围 Measuring range	0-400°C		探针长度 Probe length	100MM	
	分度号 Index number	K型/Type K		引线材质 Wire material	纯镍编织屏蔽线 Pure nickel braided shielded wire	
	探头直径 Probe diameter	5MM		螺纹长度 Thread length	13.5MM	
	引线长度 Lead length	1米	2米	3米	4米	5米
	重量 weight	1pcs 0.037KG	1pcs 0.047KG	1pcs 0.060KG	1pcs 0.069KG	1pcs 0.082KG
	单价 unit price					
	产品型号 Product model	探针式热电偶/Probe type thermocouple				
	螺纹规格 Thread specification	M8 1.25mm牙距/M8 tooth pitch 1.25 mm				
	测量范围 Measuring range	0-400°C		探针长度 Probe length	150MM	
	分度号 Index number	K型/Type K		引线材质 Wire material	纯镍编织屏蔽线 Pure nickel braided shielded wire	
	探头直径 Probe diameter	5MM		螺纹长度 Thread length	13.5MM	
	引线长度 Lead length	1米	2米	3米	4米	5米
	重量 weight	1pcs 0.038KG	1pcs 0.050KG	1pcs 0.061KG	1pcs 0.073KG	1pcs 0.087KG
	单价 unit price					

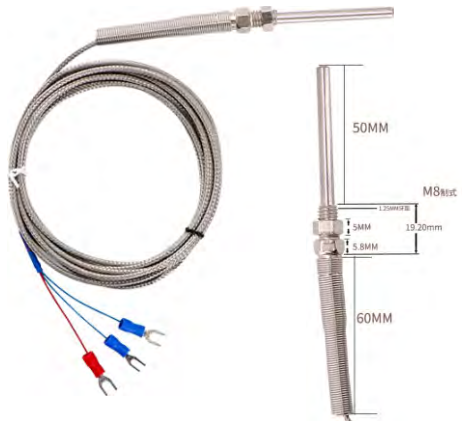
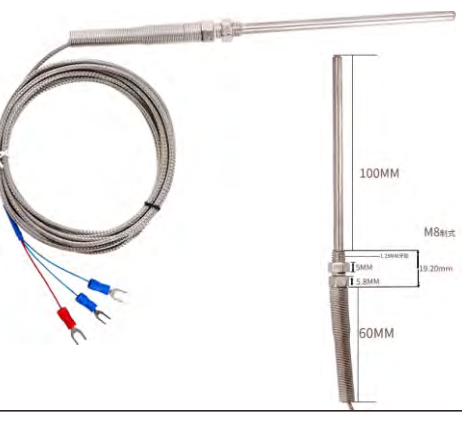
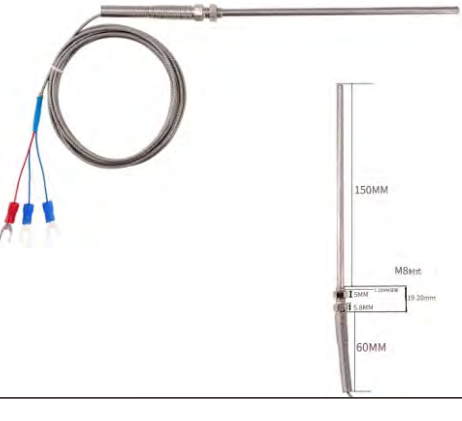
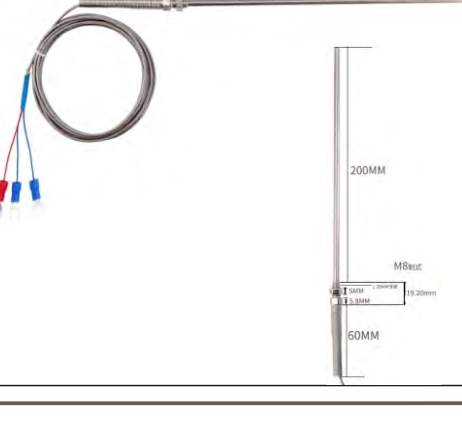
热电偶 热电阻系列

Thermocouple Thermal resistance series

	产品型号 Product model	探针式热电偶/Probe type thermocouple				
	螺纹规格 Thread specification	M8 1.25mm牙距/M8 tooth pitch 1.25 mm				
	测量范围 Measuring range	0-400°C	探针长度 Probe length	200MM		
	分度号 Index number	K型/Type K	引线材质 Wire material	纯镍编织屏蔽线 Pure nickel braided shielded wire		
	探头直径 Probe diameter	5MM	螺纹长度 Thread length	13.5MM		
	引线长度 Lead length	1米	2米	3米	4米	5米
	重量 weight	1pcs 0.041KG	1pcs 0.053KG	1pcs 0.063KG	1pcs 0.075KG	1pcs 0.086KG
	单价 unit price					
 封口热融合处理 牢固稳定 30MM 贝尔美铁氟龙K型热电偶 选用优质PTFE作为防护套， 使产品具有优秀的密封性， 更强耐腐蚀能力， 适用更多复杂环境。	产品型号 Product model	铁氟龙热电偶/Teflon thermocouple				
	螺纹规格 Thread specification	耐酸碱 耐腐蚀 防油防水 Acid and alkali resistance, corrosion resistance, oil and water resistance				
	测量范围 Measuring range	0-200°C	护套材质 Sheath material	聚四氟乙烯/PTFE		
	分度号 Index number	K型/Type K	引线材质 Wire material	纯镍编织屏蔽线 Pure nickel braided shielded wire		
	探头直径 Probe diameter	5MM	探针长度 Probe length	30MM		
	引线长度 Lead length	1米	2米	3米	4米	5米
	重量 weight	1pcs 0.031KG	1pcs 0.065KG	1pcs 0.086KG	1pcs 0.114KG	1pcs 0.140KG
	单价 unit price					
 封口热融合处理 牢固稳定 30MM 贝尔美铁氟龙Pt100热电阻 选用优质PTFE作为防护套， 使产品具有优秀的密封性， 更强耐腐蚀能力， 适用更多复杂环境。	产品型号 Product model	铁氟龙热电阻/Teflon thermal resistance				
	螺纹规格 Thread specification	耐酸碱 耐腐蚀 防油防水 Acid and alkali resistance, corrosion resistance, oil and water resistance				
	测量范围 Measuring range	0-200°C	护套材质 Sheath material	聚四氟乙烯/PTFE		
	分度号 Index number	Pt100	引线材质 Wire material	纯镍编织屏蔽线 Pure nickel braided shielded wire		
	探头直径 Probe diameter	5MM	探针长度 Probe length	30MM		
	引线长度 Lead length	1米	2米	3米	4米	5米
	重量 weight	1pcs 0.033KG	1pcs 0.069KG	1pcs 0.091KG	1pcs 0.130KG	1pcs 0.146KG
	单价 unit price					
 30MM M8x1.25mm 5MM 13.20mm 60MM	产品型号 Product model	探针式热电阻/Probe type thermal resistance				
	螺纹规格 Thread specification	M8 1.25mm牙距/M8 tooth pitch 1.25 mm				
	测量范围 Measuring range	0-400°C	探针长度 Probe length	30MM		
	分度号 Index number	Pt100	引线材质 Wire material	纯镍编织屏蔽线 Pure nickel braided shielded wire		
	探头直径 Probe diameter	5MM	螺纹长度 Thread length	13.5MM		
	引线长度 Lead length	1米	2米	3米	4米	5米
	重量 weight	1pcs 0.033KG	1pcs 0.046KG	1pcs 0.058KG	1pcs 0.072KG	1pcs 0.085KG
	单价 unit price					

热电偶 热电阻系列

Thermocouple Thermal resistance series

	产品型号 Product model	探针式热电阻/Probe type thermal resistance				
	螺纹规格 Thread specification	M8 1.25mm牙距/M8 tooth pitch 1.25 mm				
	测量范围 Measuring range	0-400°C		探针长度 Probe length	50MM	
	分度号 Index number	Pt100		引线材质 Wire material	纯镍编织屏蔽线 Pure nickel braided shielded wire	
	探头直径 Probe diameter	5MM		螺纹长度 Thread length	13.5MM	
	引线长度 Lead length	1米	2米	3米	4米	5米
	重量 weight	1pcs 0.033KG	1pcs 0.047KG	1pcs 0.058KG	1pcs 0.073KG	1pcs 0.084KG
	单价 unit price					
	产品型号 Product model	探针式热电阻/Probe type thermal resistance				
	螺纹规格 Thread specification	M8 1.25mm牙距/M8 tooth pitch 1.25 mm				
	测量范围 Measuring range	0-400°C		探针长度 Probe length	100MM	
	分度号 Index number	Pt100		引线材质 Wire material	纯镍编织屏蔽线 Pure nickel braided shielded wire	
	探头直径 Probe diameter	5MM		螺纹长度 Thread length	13.5MM	
	引线长度 Lead length	1米	2米	3米	4米	5米
	重量 weight	1pcs 0.051KG	1pcs 0.049KG	1pcs 0.060KG	1pcs 0.076KG	1pcs 0.088KG
	单价 unit price					
	产品型号 Product model	探针式热电阻/Probe type thermal resistance				
	螺纹规格 Thread specification	M8 1.25mm牙距/M8 tooth pitch 1.25 mm				
	测量范围 Measuring range	0-400°C		探针长度 Probe length	150MM	
	分度号 Index number	Pt100		引线材质 Wire material	纯镍编织屏蔽线 Pure nickel braided shielded wire	
	探头直径 Probe diameter	5MM		螺纹长度 Thread length	13.5MM	
	引线长度 Lead length	1米	2米	3米	4米	5米
	重量 weight	1pcs 0.042KG	1pcs 0.056KG	1pcs 0.067KG	1pcs 0.078KG	1pcs 0.095KG
	单价 unit price					
	产品型号 Product model	探针式热电阻/Probe type thermal resistance				
	螺纹规格 Thread specification	M8 1.25mm牙距/M8 tooth pitch 1.25 mm				
	测量范围 Measuring range	0-400°C		探针长度 Probe length	200MM	
	分度号 Index number	Pt100		引线材质 Wire material	纯镍编织屏蔽线 Pure nickel braided shielded wire	
	探头直径 Probe diameter	5MM		螺纹长度 Thread length	13.5MM	
	引线长度 Lead length	1米	2米	3米	4米	5米
	重量 weight	1pcs 0.045KG	1pcs 0.058KG	1pcs 0.068KG	1pcs 0.080KG	1pcs 0.092KG
	单价 unit price					

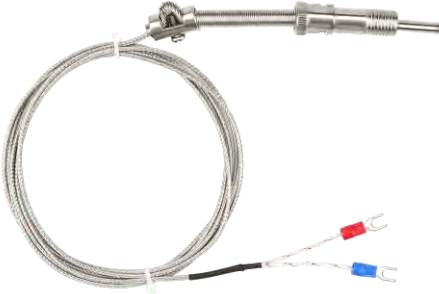
热电偶 热电阻系列

Thermocouple Thermal resistance series

	产品型号 Product model	环形热电偶/Ring thermocouple				
	探头直径 Probe diameter	40MM				
	测量范围 Measuring range	0-400℃				
	分度号 Index number	K型/Type K		引线材质 Wire material	纯镍编织屏蔽线 Pure nickel braided shielded wire	
	探头螺纹长度 Probe thread length	51MM		接线端子 connection terminal	U型端子/U-shaped terminal	
	引线长度 Lead length	1米	2米	3米	4米	5米
	重量 weight	1pcs 0.026KG	1pcs 0.038KG	1pcs 0.050KG	1pcs 0.062KG	1pcs 0.074KG
	单价 unit price					
	产品型号 Product model	环形热电偶/Ring thermocouple				
	探头直径 Probe diameter	50MM				
	测量范围 Measuring range	0-400℃				
	分度号 Index number	K型/Type K		引线材质 Wire material	纯镍编织屏蔽线 Pure nickel braided shielded wire	
	探头螺纹长度 Probe thread length	51MM		接线端子 connection terminal	U型端子/U-shaped terminal	
	引线长度 Lead length	1米	2米	3米	4米	5米
	重量 weight	1pcs 0.027KG	1pcs 0.039KG	1pcs 0.050KG	1pcs 0.063KG	1pcs 0.075KG
	单价 unit price					
	产品型号 Product model	环形热电偶/Ring thermocouple				
	探头直径 Probe diameter	60MM				
	测量范围 Measuring range	0-400℃				
	分度号 Index number	K型/Type K		引线材质 Wire material	纯镍编织屏蔽线 Pure nickel braided shielded wire	
	探头螺纹长度 Probe thread length	51MM		接线端子 connection terminal	U型端子/U-shaped terminal	
	引线长度 Lead length	1米	2米	3米	4米	5米
	重量 weight	1pcs 0.028KG	1pcs 0.040KG	1pcs 0.052KG	1pcs 0.065KG	1pcs 0.077KG
	单价 unit price					
	产品型号 Product model	进口款压扣式热电偶 / Imported press button thermocouple				
	压扣内径 pressing buckle internal diameter	12.3MM				
	测量范围 Measuring range	0-600℃				
	分度号 Index number	K型/Type K		引线材质 Wire material	纯镍编织屏蔽线 Pure nickel braided shielded wire	
	探头直径 Probe diameter	5MM		接线端子 connection terminal	U型端子/U-shaped terminal	
	引线长度 Lead length	1米	2米	3米	4米	5米
	重量 weight	1pcs 0.030KG	1pcs 0.046KG	1pcs 0.062KG	1pcs 0.078KG	1pcs 0.093KG
	单价 unit price					

热电偶 热电阻系列

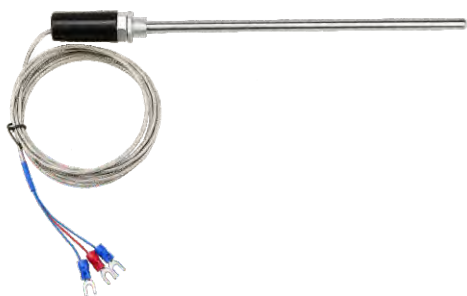
Thermocouple Thermal resistance series

	产品型号 Product model	贴片式热电偶/Patch thermocouple				
	探头内孔直径 Probe bore diameter	4MM				
	测量范围 Measuring range	0-400℃				
	分度号 Index number	K型/Type K		引线材质 Wire material	纯镍编织屏蔽线 Pure nickel braided shielded wire	
	垫片厚度 Gasket thickness	0.55MM		接线端子 connection terminal	U型端子/U-shaped terminal	
	引线长度 Lead length	1米	2米	3米	4米	5米
	重量 weight	1pcs 0.016KG	1pcs 0.027KG	1pcs 0.039KG	1pcs 0.051KG	1pcs 0.063KG
	单价 unit price					
	产品型号 Product model	贴片式热电偶/Patch thermocouple				
	探头内孔直径 Probe bore diameter	5MM				
	测量范围 Measuring range	0-400℃				
	分度号 Index number	K型/Type K		引线材质 Wire material	纯镍编织屏蔽线 Pure nickel braided shielded wire	
	垫片厚度 Gasket thickness	0.55MM		接线端子 connection terminal	U型端子/U-shaped terminal	
	引线长度 Lead length	1米	2米	3米	4米	5米
	重量 weight	1pcs 0.015KG	1pcs 0.028KG	1pcs 0.039KG	1pcs 0.052KG	1pcs 0.063KG
	单价 unit price					
	产品型号 Product model	贴片式热电偶/Patch thermocouple				
	探头内孔直径 Probe bore diameter	6MM				
	测量范围 Measuring range	0-400℃				
	分度号 Index number	K型/Type K		引线材质 Wire material	纯镍编织屏蔽线 Pure nickel braided shielded wire	
	垫片厚度 Gasket thickness	0.55MM		接线端子 connection terminal	U型端子/U-shaped terminal	
	引线长度 Lead length	1米	2米	3米	4米	5米
	重量 weight	1pcs 0.016KG	1pcs 0.028KG	1pcs 0.040KG	1pcs 0.052KG	1pcs 0.064KG
	单价 unit price					
	产品型号 Product model	M12 压簧式热电偶/M12 Compression spring thermocouple				
	螺纹规格 Thread specification	M12				
	测量范围 Measuring range	0-400℃				
	分度号 Index number	K型/Type K		引线材质 Wire material	纯镍编织屏蔽线 Pure nickel braided shielded wire	
	探头直径 Probe diameter	5MM		压簧长度 compression spring length	132MM	
	引线长度 Lead length	1米	2米	3米	4米	5米
	重量 weight	1pcs 0.048KG	1pcs 0.059KG	1pcs 0.070KG	1pcs 0.082KG	1pcs 0.092KG
	单价 unit price					

热电偶 热电阻系列



产品型号 Product model	探针式热电偶/Probe type thermocouple				
螺纹规格 Thread specification	M12				
测量范围 Measuring range	0-400℃		探针长度 Probe length	200MM	
分度号 Index number	K型/Type K		引线材质 Wire material	纯镍编织屏蔽线 Pure nickel braided shielded wire	
探头直径 Probe diameter	7MM		接线端子 connection terminal	U型端子/U-shaped terminal	
引线长度 Lead length	1米	2米	3米	4米	5米
重量 weight	1pcs 0.060KG	1pcs 0.070KG	1pcs 0.083KG	1pcs 0.095KG	1pcs 0.110KG
单价 unit price					



产品型号 Product model	探针式热电偶/Probe type thermocouple				
螺纹规格 Thread specification	M12				
测量范围 Measuring range	0-400℃		探针长度 Probe length	200MM	
分度号 Index number	Pt100		引线材质 Wire material	纯镍编织屏蔽线 Pure nickel braided shielded wire	
探头直径 Probe diameter	7MM		接线端子 connection terminal	U型端子/U-shaped terminal	
引线长度 Lead length	1米	2米	3米	4米	5米
重量 weight	1pcs 0.060KG	1pcs 0.074KG	1pcs 0.083KG	1pcs 0.096KG	1pcs 0.106KG
单价 unit price					