



RELIABLE STRATEGIC PARTNER

○ 9 1 2 ○ ○ 6 1 6 9 V 6 6 3 8 3 4 ○ 6
6 6 3 8 3 4 ○ 8
○ 9 1 2 ○ ○ 6 1 6 9 A 6 6 3 8 3 4 ○ 9



BEM微动开关系列

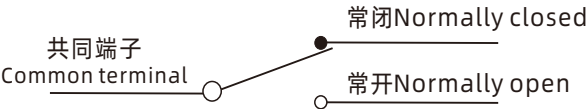
BEM Micro Switch Series



额定值 Rated value

额定电压 Rated voltage	非电感性负载 Non-inductive load(A)				电感性负载 Inductive load(A)				突入 电流(A) Inrush current	
	电阻性负载 Resistive load		灯泡负载 Bulb load		电感性负载 Inductive load		马达负载 Motor load		NC NO	
	NC	NO	NC	NO	NC	NO	NC	NO		
250VAC	16		2		10		3		40 以下 max	
8VDC	16		4		10		6			
30VDC	10		4		10		4			
125VDC	0.6		0.1		0.6		0.1			
250VDC	0.3		0.05		0.3		0.05			

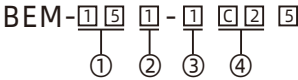
接点型式 Contact Form



动作特点 Operating characteristics

型式 Models	BEM-15-1C25	BEM-151-1C25	BEM-152-1C25	BEM-153-1C25	BEM-154-1C25	BEM-155-1C25	BEM-156-1C25	BEM-15-1B5
OF最大(Max.)	2.4N	2.4N	1.23N	0.69N	1.2N	2.7N	1.23N	2.7N
RF最小(Min.)	0.49N	0.49N	0.14N	0.06N	0.14N	0.49N	0.14N	0.49N
PT最大(Max.)	1.2mm	1.6mm	4.0mm	9.0mm	4.0mm	1.5mm	4.0mm	1.5mm
OT最小(Min.)	1.0mm	0.8mm	1.6mm	2.0mm	1.5mm	0.8mm	1.6mm	0.8mm
MD最大(Max.)	0.4mm	0.6mm	1.5mm	2.8mm	1.5mm	0.6mm	1.5mm	0.6mm
OP(mm)	14.7±0.4mm	15.2±0.5mm	15.2±1.2mm	15.2±3mm	18.7±1.2mm	20.7±0.6mm	20.7±1.2mm	20.7±0.6mm

型号说明 Model Description



项目 project	代号 Code	说明 Description
① 额定电流 Rated current	15	15A
② 头部及传动杆 Head and drive rod	空白 blank	按钮型 Button type
	1	短柄型 Short handle type
	2	长柄型 Long handle type
	3	加长柄型 Longer handle type
	4	曲柄型 Crank type
	5	短滑轮型 Short pulley type
	6	长滑轮型 Long pulley type
③ 触点形式 Contact form	1	一常开 一常闭触点 1NO/1NC
③ 触点形式 Contact form	C2	#187型端子 #187 terminal

特性 Characteristics

操作速度 Operating speed	0.1mm~1m/s (按钮型 Button type)
动作频率 Operating frequency	机械：240次/分 电气：20次/分 Mechanical: 120 times/min. Electrical: 30 times/min
接点电阻 Contact resistance	15mΩ以下 (初期) 15mΩ max (initial value)
绝缘电阻 Insulation resistance	100mΩ以上 (在500VDC以下) 100mΩ min. (at 500VDC)
耐电压 Withstand voltage	非连续端子间1,000VAC,50/60Hz持续1分钟 1,000VAC between discontinuous terminals, 50/60Hz for 1 minute
	载电流与无载电流零件间2,000VAC,50/60Hz持续1分钟 2,000VAC between the current-carrying and no-carrying parts, 50/60Hz for 1 minute
	端子与接地之间2,000VAC,50/60Hz持续1分钟 2,000VAC between terminal and ground, 50/60Hz for 1 minute
振动 vibration	10至55Hz, 1.5mm 双振幅 10 to 55Hz, 1.5mm double amplitude
冲击 Shock	机械耐久:1,000m/Sec ² (约100G'S) Mechanical durability: 1,000m/Sec ² (about 100G'S)
	误动作耐久:200m/Sec ² (约100G'S) Malfunction durability: 200m/Sec ² (about 100G'S)
周围温度 Ambient temperature	-10℃~+70℃(没有结冰) -10℃~+70℃ (With no icing)
湿度 Humidity	85%RH以下 (+5~+35℃) Below 85%RH (+5~+35℃)
使用寿命 Service life	机械:1000万次以上 Machinery: more than 10 million times
	电气:30万次以上 Electrical: 300,000 times or more

BEM微动开关系列

BEM Micro Switch Series

					
产品型号 Product model	重量 weight	单价 unit price	产品型号 Product model	重量 weight	单价 unit price
BEM-15-1C25	1Pcs/0.006KG/100Pcs/1盒 (box)		BEM-151-1C25	1Pcs/0.006KG/100Pcs/1盒 (box)	
					
产品型号 Product model	重量 weight	单价 unit price	产品型号 Product model	重量 weight	单价 unit price
BEM-152-1C25	1Pcs/0.006KG/100Pcs/1盒 (box)		BEM-153-1C25	1Pcs/0.007KG/100Pcs/1盒 (box)	
					
产品型号 Product model	重量 weight	单价 unit price	产品型号 Product model	重量 weight	单价 unit price
BEM-154-1C25	1Pcs/0.006KG/100Pcs/1盒 (box)		BEM-155-1C25	1Pcs/0.007KG/100Pcs/1盒 (box)	
					
产品型号 Product model	重量 weight	单价 unit price	产品型号 Product model	重量 weight	单价 unit price
BEM-156-1C25	1Pcs/0.007KG/100Pcs/1盒 (box)		BEM-15-1B5	1Pcs/0.011KG/100Pcs/1盒 (box)	

BM 微动开关系列

BM Micro Switch Series



特点 Features

- 引动器种类广泛，其中包含动作位置可调整的款式(如BM-1701)
- 高开闭容量(15A)
- 高精度
- 广泛操作速度范围
- BM系列每一型式具有焊接端子，螺丝端子与快速端子可供选择
- 型号后面加A则为焊接端子，加C则为快速端子，空白则为螺丝端子
- Various actuators and some with adjustable operating position (such as BM-1701)
- High switch on and off capacity(15A)
- High accuracy
- Wide range of operation speed
- Each type of BM series has welding terminals, screw terminals and quick terminals for choice
- Add A at the end of the model number for welding terminals, add C for quick terminals, and blanks for screw terminals

接点型式 Contact Form



额定值 Rated value

额定电压 Rated voltage	非电感性负载 Non-inductive load(A)				电感性负载 Inductive load(A)				突入 电流(A) Inrush current	
	电阻性负载 Resistive load		灯泡负载 Bulb load		电感性负载 Inductive load		马达负载 Motor load		NC	NO
	NC	NO	NC	NO	NC	NO	NC	NO		
125VAC	15		3	1.5	15		5	2.5	30 以下 max	15 以下 max
250VAC	15		2.5	1.25	15		3	1.5		
500VAC	3		1.5	0.75	2.5		1.5	0.75		
8VDC	15		3	1.5	15		5	2.5		
14VDC	15		3	1.5	10		5	2.5		
30VDC	6(2)		3	1.5	5		5	2.5		
125VDC	0.4		0.4	0.4	0.05		0.05	0.05		
250VDC	0.2		0.2	0.2	0.03		0.03	0.03		

端子类型 Terminal Type

螺丝端子 Screw terminal	焊接端子 Solder terminal	快速端子 Fast terminal
空白 blank space	A	C

特性 Characteristics

操作速度 Operating speed	0.01mm至1m/sec(锁住塞型) 0.01mm to 1m/sec
动作频率 Operating frequency	机械: 240次/分 电气: 20次/分 Mechanical: 240 times/min. Electrical: 20 times/min
接点电阻 Contact resistance	15mΩ以下 (初期) 15mΩ max (initial value)
绝缘电阻 Insulation resistance	100mΩ以上 (在500VDC以下) 100mΩ min. (at 500VDC)
电介强度 Dielectric strength	非连续端子间1,000VAC, 50/60Hz持续1分钟 1,000VAC between discontinuous terminals, 50/60Hz for 1 minute
	载电流与无载电流零件间1,500VAC, 50/60Hz持续1分钟 1,500VAC between the current-carrying and no-carrying parts, 50/60Hz for 1 minute
	端子与接地之间1,500VAC, 50/60Hz持续1分钟 1,500VAC between terminal and ground, 50/60Hz for 1 minute
振动 vibration	(*10至20Hz): 1.5mm 变振幅误动作耐久: 10至55Hz (*10 to 20Hz): 1.5mm variable amplitude, malfunction durability: 10 to 55Hz
冲击 Shock	机械耐久: 1,000m/Sec ² (约100G' S) Mechanical durability: 1,000m/Sec ² (about 100G' S)
	误动作耐久: 300m/Sec ² (约30G' S) Malfunction durability: 300m/Sec ² (about 30G' S)
周围温度 Ambient temperature	泛用型: -10°C~+80°C(没有结冰) General-purpose type: -10°C~+80°C (With no icing)
	密封型: -25°C~+80°C(没有结冰) Sealed type: -25°C~+80°C (With no icing)
湿度 Humidity	泛用型: 85%RH以上 密封型: 95%RH General purpose type: 85%RH or more. Sealed type: 95%RH
使用寿命 Service life	机械: 10,000,000次以上 Machinery: 10,000,000 times or more
	电气: 500,000次以上 Electrical: 500,000 times or more

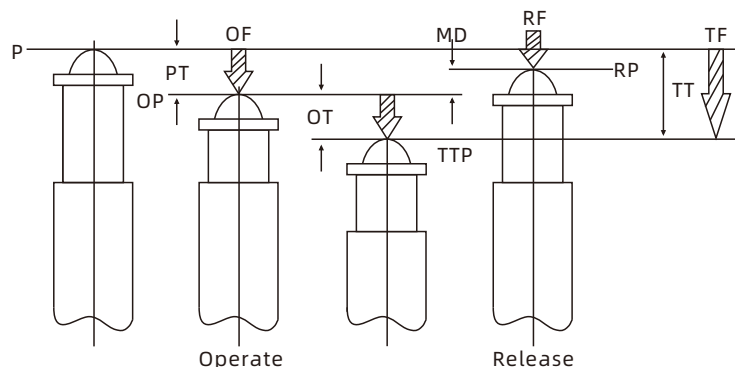
BM 微动开关系列

BM Micro Switch Series

动作特点 Operating characteristics

型式 Models	BM-1300	BM-1301	BM-1303	BM-1305	BM-1306	BM-1307	BM-1308 BM-1308X	BM-1309	BM-1701 BM-1706	BM-1702	BM-1703	BM-1704	BM-1705	BM-1743
OF最大(Max.)	350g	300g	300g	350g	350g	350g	350g	350g	70g	160g	100g	160g	10g	160g
RF最小(Min.)	114g	50g	50g	114g	114g	114g	114g	114g	14g	28g	22g	42g	3g	42g
PT最大(Max.)	0.4mm	4mm	4mm	0.4mm	0.4mm	0.4mm	0.4mm	0.4mm	10mm	5mm	7.1mm	2.7mm	20mm	2.7mm
OT最小(Min.)	0.13mm	1.6mm	1.6mm	1.6mm	1.6mm	5.5mm	3.58mm	3.58mm	5.6mm	2mm	4mm	2.4mm	5.6mm	2.4mm
MD最大(Max.)	0.05mm	1.3mm	1.3mm	0.05mm	0.05mm	0.05mm	0.05mm	0.05mm	1.27mm	1mm	1.02mm	0.5mm	3mm	0.5mm
FP最大(Max.)		20.6mm	31.8mm						28.2mm	24.8mm	36.5mm	32.5mm		43.6mm
OP(mm)	15.9±0.4	17.4±0.8	28.6±0.8	28.2±0.5	21.5±0.5	21.8±0.8	33.4±1.2	33.4±1.2	19±0.8	19±0.4	30.2±0.8	30.2±0.4	19±0.8	43.1±0.8

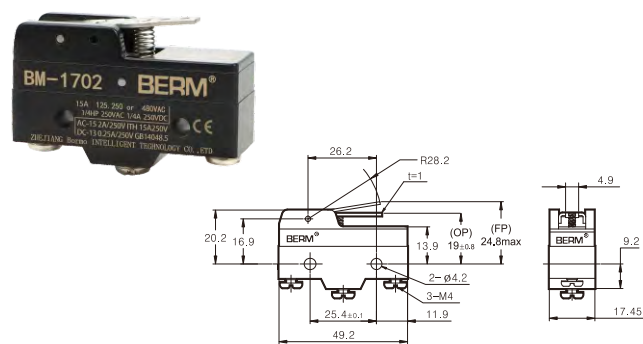
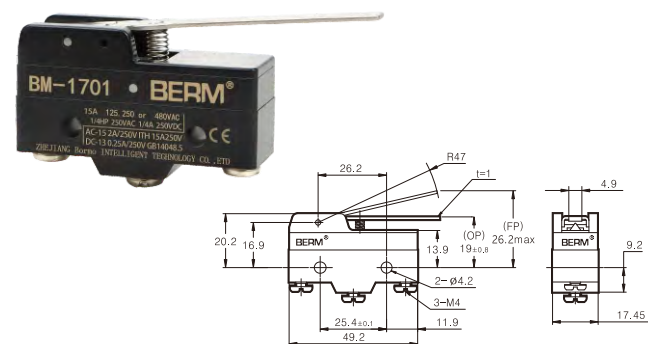
动作特点 Operating characteristics



OF:动作力
RF:回复力
TF:总行程动作力
FP:自由位置
OP:动作位置
RP:反回位置
TTP:总行程位置
PT:预行程位置
OT:过行程
MD:响应差的行程
TT:总行程

OF:Operating Force
RF:Restoring Force
TF:Total stroke Force
FP:Free Position
OP:Action Position
RP:Return Position
TTP:Total travel Position
PT:Pre travel Position
OT:Over Travel
MD:Movement Differential
TT:Total trip

外观和尺寸 Appearance and dimensions

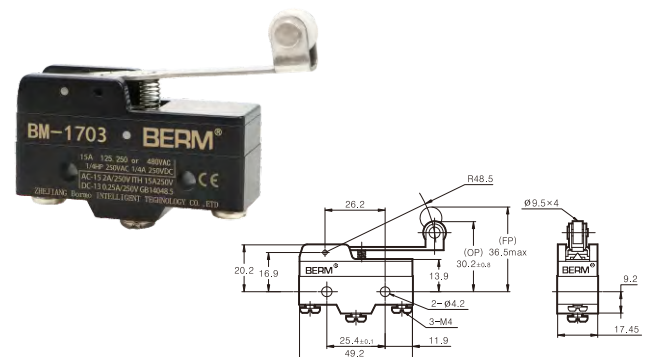


产品型号 Product model	重量 weight	单价 unit price
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BM-1701 1Pcs/0.033KG/20Pcs/1盒 (box)

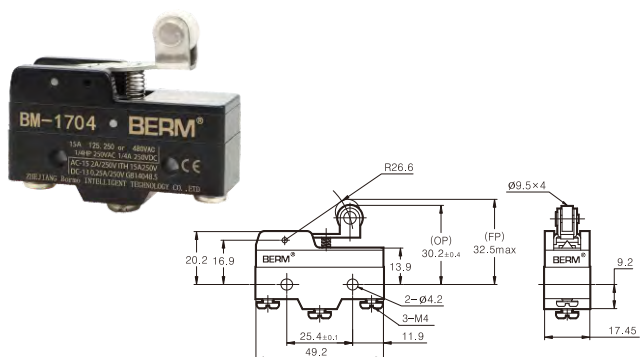
产品型号 Product model	重量 weight	单价 unit price
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BM-1702 1Pcs/0.032KG/20Pcs/1盒 (box)



产品型号 Product model	重量 weight	单价 unit price
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BM-1703 1Pcs/0.037KG/20Pcs/1盒 (box)

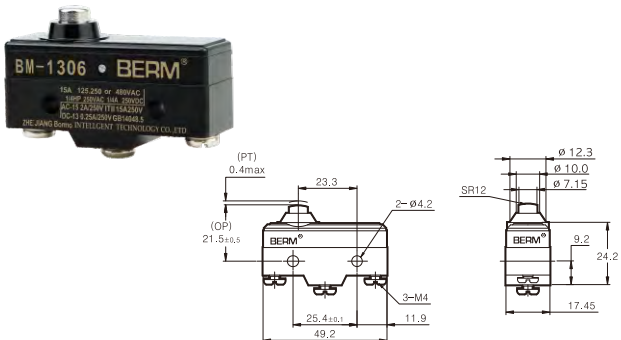
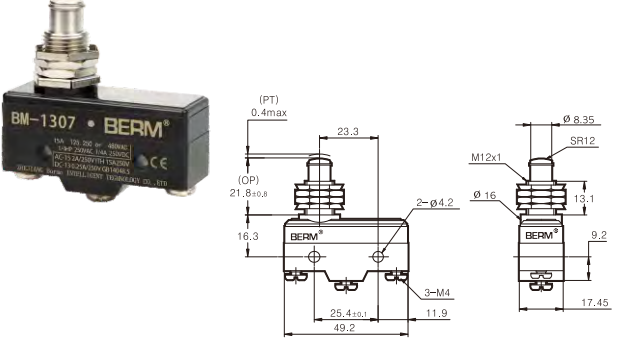
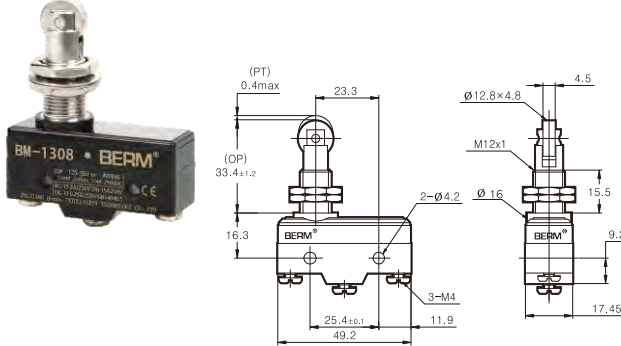


产品型号 Product model	重量 weight	单价 unit price
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BM-1704 1Pcs/0.035KG/20Pcs/1盒 (box)

BM 微动开关系列

BM Micro Switch Series

					
产品型号 Product model	重量 weight	单价 unit price	产品型号 Product model	重量 weight	单价 unit price
BM-1306	1Pcs/0.031KG/20Pcs/1盒 (box)		BM-1307	1Pcs/0.045KG/20Pcs/1盒 (box)	
					
产品型号 Product model	重量 weight	单价 unit price	产品型号 Product model	重量 weight	单价 unit price
BM-1308	1Pcs/0.057KG/20Pcs/1盒 (box)				
产品型号 Product model	重量 weight	单价 unit price	产品型号 Product model	重量 weight	单价 unit price
产品型号 Product model	重量 weight	单价 unit price	产品型号 Product model	重量 weight	单价 unit price

BM-7 微动开关系列

BM-7 Micro Switch Series



特点 Features

- 引动器种类广泛，其中包含动作位置可调整的款式(如BM-7121)
- 外壳包覆强化塑胶、防水、防油、有更高的机械强度，耐冲击
- Various actuators and some with adjustable operating position (such as BM-7121)
- The shell is covered with reinforced plastic, waterproof, oil-proof, has higher mechanical strength, and impact resistance

接点型式 Contact Form



额定值 Rated value

额定电压 Rated voltage	非电感性负载 Non-inductive load(A)				电感性负载 Inductive load(A)			
	电阻性负载 Resistive load		灯泡负载 Bulb load		电感性负载 Inductive load		马达负载 Motor load	
	NC	NO	NC	NO	NC	NO	NC	NO
125VAC	10	3	1.5	10	5	2.5		
250VAC	10	2.5	1.25	10	3	1.5		
480VAC	3	1.5	0.75	2.5	1.5	0.75		
8VDC	10	3	1.5	6	6	5		
14VDC	10	3	1.5	6	6	5		
30VDC	8	3	1.5	6	6	2.5		
125VDC	0.5	0.4	0.4	0.05	0.05	0.05		
250VDC	0.25	0.2	0.2	0.03	0.03	0.03		

- 注：1.电感性负载：功率因素=0.4:时间常数=7msec。
 2.灯泡负载之突入电流为稳定状态电流之10倍。
 马达负载之突入电流为稳定状态电流之6倍。
 3.带弹簧系列产品，操作体的使用范围为从弹簧的前端到弹簧全长的1/3以内。

NOTES: 1. Inductive load: power factor=0.4: time constant=7msec.
 2. Lamp load has an inrush current of 10 times the steady-state current.
 The inrush current of the motor load is 6 times the steady state current.
 3. With spring series products, the operating body can be used from the front end of the spring to within 1/3 of the full length of the spring.

特性 Characteristics

操作速度 Operating speed	0.01mm至50cm/sec(锁住塞型) 0.5mm to 50cm/sec
动作频率 Operating frequency	机械：120次/分 电气：30次/分 Mechanical: 240 times/min. Electrical: 30 times/min
接点电阻 Contact resistance	15mΩ以下（初期） 15mΩ max (initial value)
绝缘电阻 Insulation resistance	100mΩ以上（在500VDC以下） 100mΩ min. (at 500VDC)
电介强度 Dielectric strength	非连续端子间1,000VAC,50/60Hz持续1分钟 1,000VAC between discontinuous terminals, 50/60Hz for 1 minute 载电流与无载电流零件间1,500VAC,50/60Hz持续1分钟 1,500VAC between the current-carrying and no-carrying parts, 50/60Hz for 1 minute 端子与接地之间1,500VAC,50/60Hz持续1分钟 1,500VAC between terminal and ground, 50/60Hz for 1 minute
振动 vibration	误动作耐久:10至55Hz, 1.5mm 双振幅 Durability of misoperation: 10 to 55Hz, 1.5mm double amplitude
冲击 Shock	机械耐久:1,000m/Sec ² (约100G' S) Mechanical durability: 1,000m/Sec ² (about 100G' S) 误动作耐久:300m/Sec ² (约30G' S) Malfunction durability: 300m/Sec ² (about 30G' S)
周围温度 Ambient temperature	使用时:-10℃~+80℃(没有结冰) When in use: -10℃~+80℃ (With no icing)
湿度 Humidity	<95%RH
使用寿命 Service life	机械:10,000,000次以上(在额定OT值下) Machinery: 10,000,000 times or more(Under rated OT) 电气:500,000次以上 Electrical: 500,000 times or more

BM-7 微动开关系列

BM-7 Micro Switch Series

动作特点 Operating characteristics

型式 Modeis	BM-7100	BM-7110	BM-7310	BM-7311	BM-7312	BM-7120	BM-7140	BM-7121	BM-7141	BM-7124	BM-7144	BM-7166
OF最大(Max.)	600g	600g	600g	600g	600g	150g	220g	180g	240g	200g	280g	120g
RF最小(Min.)	100g	100g	100g	100g	100g	40g	60g	50g	80g	60g	100g	
PT最大(Max.)	2.0mm	2.0mm	2.0mm	2.0mm	2.0mm	13.5mm	8.5mm	11.0mm	6.5mm	11mm	6.5mm	250mm
OT最小(Min.)	0.8mm	5.0mm	6.0mm	6.0mm	6.0mm	4.0mm	2.5mm	3.0mm	2.0mm	3.0mm	2.0mm	11mm
MD最大(Max.)	0.8mm	0.8mm	0.8mm	0.8mm	0.8mm	3.2mm	2.0mm	2.4mm	1.5mm	2.4mm	1.5mm	
OP(mm)	30.5±0.8	44±1.2	21.8±1.2	33.3±1.2	33.3±1.2	25±1	25±1	40±1	40±1	50±1.2	50±1.2	
FP						35mm	32mm		46mm		56mm	

外观和尺寸 Appearance and size



产品型号
Product model

重量
weight

单价
unit price

产品型号
Product model

重量
weight

单价
unit price

BM-7100

1Pcs/0.062KG/10Pcs/1盒 (box)

BM-7110

1Pcs/0.069KG/10Pcs/1盒 (box)



产品型号
Product model

重量
weight

单价
unit price

产品型号
Product model

重量
weight

单价
unit price

BM-7310

1Pcs/0.079KG/10Pcs/1盒 (box)

BM-7311

1Pcs/0.082KG/10Pcs/1盒 (box)



产品型号
Product model

重量
weight

单价
unit price

产品型号
Product model

重量
weight

单价
unit price

BM-7312

1Pcs/0.082KG/10Pcs/1盒 (box)

BM-7120

1Pcs/0.051KG/10Pcs/1盒 (box)

BM-7 微动开关系列

BM-7 Micro Switch Series

					
产品型号 Product model	重量 weight	单价 unit price	产品型号 Product model	重量 weight	单价 unit price
BM-7140	1Pcs/0.047KG/10Pcs/1盒 (box)		BM-7121	1Pcs/0.054KG/10Pcs/1盒 (box)	
					
产品型号 Product model	重量 weight	单价 unit price	产品型号 Product model	重量 weight	单价 unit price
BM-7141	1Pcs/0.052KG/10Pcs/1盒 (box)		BM-7124	1Pcs/0.055KG/10Pcs/1盒 (box)	
					
产品型号 Product model	重量 weight	单价 unit price	产品型号 Product model	重量 weight	单价 unit price
BM-7144	1Pcs/0KG/10Pcs/1盒 (box)		BM-7318	1Pcs/KG/10Pcs/1盒 (box)	
产品型号 Product model	重量 weight	单价 unit price	产品型号 Product model	重量 weight	单价 unit price

CSA 行程开关系列

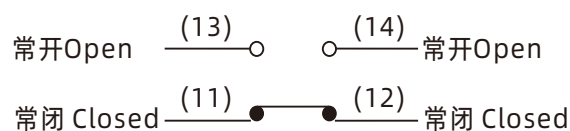
CSA travel switch series



特点 Features

- 双回路型限位开关
- 结构坚固，由锌合金及强化塑胶组成
- 体积小，可防水、防油
- 内藏微动开关有双簧片机构，机械寿命更长
- 具有较大的过行程
- 使配线更加简易的导管设计
- 引动器种类多，方便使用
- Double circuit type limit switch
- Strong structure, composed of zinc alloy and reinforced plastic
- Small size, waterproof and oil-proof
- Built-in micro switch with double reed mechanism, longer mechanical life
- Smooth operation with larger over travel distance
- Conduit design that makes wiring easier
- Many types of actuators, easy to use

接点型式 Contact Form



额定值 Rated value

额定电压 Rated voltage	非电感性负载 Non-inductive load(A)				电感性负载 Inductive load(A)			
	电阻性负载 Resistive load		灯泡负载 Bulb load		电感性负载 Inductive load		马达负载 Motor load	
	NC	NO	NC	NO	NC	NO	NC	NO
125VAC	5	5	1.5	0.7	3	3	2	1
250VAC	5	5	1	0.5	3	3	1.5	0.8
8VDC	5	5	3	3	5	4	3	3
14VDC	5	5	3	3	4	4	3	3
30VDC	5	5	3	3	4	4	3	3
125VDC	0.4	0.4						
250VDC	0.2	0.2						
突入电流 Inrush current	N.C.:24A以下, N.O.:12A以下 N.C.: 24A or less, N.O.: 12A or less							

- 注：1.电感性负载之功率因素在0.4以上(AC):时间常数=7msec以下(DC)
- 2.灯泡负载之突入电流为稳定状态电流之10倍。
- 马达负载之突入电流为稳定状态电流之6倍。
- 3.带弹簧系列产品，操作体的使用范围为从弹簧的前端到弹簧全长的1/3以内。

NOTES: 1. The power factor of the inductive load is above 0.4 (AC): time constant = 7msec or less (DC)

2. Lamp load has an inrush current of 10 times the steady-state current.
The inrush current of the motor load is 6 times the steady state current.

3. With spring series products, the operating body can be used from the front end of the spring to within 1/3 of the full length of the spring.

特性 Characteristics

操作速度 Operating speed	0.5mm至50m/sec(锁住塞型) 0.5mm to 50m/sec
动作频率 Operating frequency	机械：120次/分 电气：30次/分 Mechanical: 120 times/min. Electrical: 30 times/min
接点电阻 Contact resistance	25mΩ以下(初期) 25mΩ max (initial value)
绝缘电阻 Insulation resistance	100mΩ以上(在500VDC以下) 100mΩ min. (at 500VDC)
电介强度 Dielectric strength	非连续端子间1,000VAC,50/60Hz持续1分钟 1,000VAC between discontinuous terminals, 50/60Hz for 1 minute
	载电流与无载电流零件间1,500VAC,50/60Hz持续1分钟 1,500VAC between the current-carrying and no-carrying parts, 50/60Hz for 1 minute
	端子与接地之间1,500VAC,50/60Hz持续1分钟 1,500VAC between terminal and ground, 50/60Hz for 1 minute
振动 vibration	10至55Hz, 1.5mm 双振幅 10 to 55Hz, 1.5mm double amplitude
冲击 Shock	机械耐久:1,000m/Sec ² (约100G'S)
	误动作耐久:300m/Sec ² (约30G'S) Malfunction durability: 300m/Sec ² (about 30G'S)
周围温度 Ambient temperature	使用时:-10℃~+70℃(没有结冰) When in use: -10℃~+70℃ (With no icing)
湿度 Humidity	<95%RH
使用寿命 Service life	机械:10,000,000次以上 Machinery: 10,000,000 times or more
	电气:500,000次以上 Electrical: 500,000 times or more
保护构造 Protection structure	IP 65 (IEC 规格 Specification)

CSA 行程开关系列

CSA travel switch series

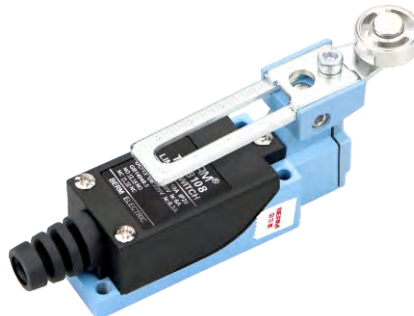
动作特点 Operating characteristics

型式 Models	TZ-8104	TZ-8108	TZ-8107	TZ-8111	TZ-8112/8122	TZ-8166/8167/8168/8169
OF最大(Max.)	750g	750g	750g	900g	900g	150g
RF最小(Min.)	100g	100g	100g	150g	150g	-
PT最大(Max.)	20°	20°	20°	1.5mm	1.5mm	30mm
OT最小(Min.)	50°	50°	50°	4mm	4mm	-
MD最大(Max.)	12°	12°	12°	1mm	1mm	-
OP	-	-	-	26±0.8mm	37±0.8mm	-

外观和尺寸 Appearance and size



产品型号 Product model	重量 weight	单价 unit price	产品型号 Product model	重量 weight	单价 unit price
BM-8104	1Pcs/0.166KG/10Pcs/1盒 (box)		BM-8104	1Pcs/0.173KG/10Pcs/1盒 (box)	



产品型号 Product model	重量 weight	单价 unit price	产品型号 Product model	重量 weight	单价 unit price
BM-8108	1Pcs/0.190KG/10Pcs/1盒 (box)		BM-8108	1Pcs/0.197KG/10Pcs/1盒 (box)	



产品型号 Product model	重量 weight	单价 unit price	产品型号 Product model	重量 weight	单价 unit price
BM-8107	1Pcs/0.170KG/10Pcs/1盒 (box)		BM-8111	1Pcs/0.127KG/10Pcs/1盒 (box)	

CSA 行程开关系列

CSA travel switch series



产品型号 Product model	重量 weight	单价 unit price	产品型号 Product model	重量 weight	单价 unit price
BM-8112	1Pcs/0.130KG/10Pcs/1盒 (box)		BM-8122	1Pcs/0.130KG/10Pcs/1盒 (box)	
					
产品型号 Product model	重量 weight	单价 unit price	产品型号 Product model	重量 weight	单价 unit price
BM-8166	1Pcs/0.133KG/10Pcs/1盒 (box)		BM-8167	1Pcs/0.136KG/10Pcs/1盒 (box)	
					
产品型号 Product model	重量 weight	单价 unit price	产品型号 Product model	重量 weight	单价 unit price
BM-8169	1Pcs/0.129KG/10Pcs/1盒 (box)				
产品型号 Product model	重量 weight	单价 unit price	产品型号 Product model	重量 weight	单价 unit price

CSA 行程开关系列

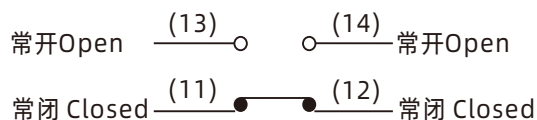
CSA travel switch series



特点 Features

- 引动器种类多，方便使用
- 坚硬金属外壳，极大摇臂角度±90°
- 不锈钢滚轮，冲头及弹簧
- 导管连接器尺寸标配M18X1.5
- Many types of actuators, easy to use
- Hard metal shell, maximum swing arm angle ±90°
- Stainless steel roller, punch and spring
- Conduit connector size standard M18X1.5

接点型式 Contact Form



动作特点 Operating characteristics

型式	Models	CSA	CSA-001	CSA-003	CSA-012	CSA-021	CSA-041	CSA-031	CSA-051	CSA-061	CSA-071	CSA-081
操作力	Operating force	OF最大(Max.)	800g	800g	800g	400g-cm	400g-cm	400g-cm	400g-cm	150g-cm	150g-cm	150g-cm
回弹力	Release force	RF最小(Min.)	400g	400g	400g	100g-cm	100g-cm	100g-cm	100g-cm	50g-cm	50g-cm	50g-cm
前预行程	Pre-travel	PT最大(Max.)	1.8mm	1.8mm	1.8mm	20°	20°	20°	20°	30mm	30mm	30mm
触发位置	Trigger position	Tp±10%	2.0mm	2.0mm	2.0mm	22.5°	22.5°	22.5°	22.5°	22.5°	22.5°	22.5°
行程移动分辨率	Movement differential	MD最大(Max.)	1.2mm	1.2mm	1.2mm	10°	10°	10°	10°	14°	14°	14°
触后行程	Aftertouch stroke	OT最小(Min.)	4.0mm	4.0mm	4.0mm	75°	75°	75°	75°	20mm	20mm	20mm
累积总行程	Cumulative total travel	TT最小(Min.)	5.8mm	5.8mm	5.8mm	95°	95°	95°	95°	50mm	50mm	50mm
摇臂转换分角度	Rotary indexing					22.5°	22.5°	22.5°	22.5°			

额定值 Rated value

额定电压 Rated voltage	非电感性负载 Non-inductive load(A)				电感性负载 Inductive load(A)			
	电阻性负载 Resistive load		灯泡负载 Bulb load		电感性负载 Inductive load		马达负载 Motor load	
	NC	NO	NC	NO	NC	NO	NC	NO
125VAC	5	5	1.5	0.7	3	3	2	1
250VAC	5	5	1	0.5	3	3	1.5	0.8
8VDC	5	5	3	3	5	4	3	3
14VDC	5	5	3	3	4	4	3	3
30VDC	5	5	3	3	4	4	3	3
125VDC	0.4	0.4						
250VDC	0.2	0.2						
突入电流 Inrush current	N.C.: 24A以下, N.O.: 12A以下 N.C.: 24A or less, N.O.: 12A or less							

- 注: 1. 电感性负载之功率因素在0.4以上(AC): 时间常数=7msec以下(DC)
2. 灯泡负载之突入电流为稳态电流之10倍。
马达负载之突入电流为稳态电流之6倍。
3. 带弹簧系列产品，操作体的使用范围为从弹簧的前端到弹簧全长的1/3以内。

- NOTES: 1. The power factor of the inductive load is above 0.4 (AC): time constant = 7msec or less (DC)
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冲击 Shock	机械耐久: 1,000m/Sec ² (约100G' S) Mechanical durability: 1,000m/Sec ² (about 100G' S)
	误动作耐久: 300m/Sec ² (约30G' S) Malfunction durability: 300m/Sec ² (about 30G' S)
周围温度 Ambient temperature	使用时: -10°C~+70°C(没有结冰) When in use: -10°C~+70°C (With no icing)
湿度 Humidity	<95%RH
使用寿命 Service life	机械: 10,000,000次以上 Machinery: 10,000,000 times or more
	电气: 500,000次以上 Electrical: 500,000 times or more
保护构造 Protection structure	IP 66 (IEC 规格 Specification)

CSA 行程开关系列

CSA travel switch series

					
产品型号 Product model	重量 weight	单价 unit price	产品型号 Product model	重量 weight	单价 unit price
CSA-001	1Pcs/0.204KG		CSA-003	1Pcs/0.210KG	
					
产品型号 Product model	重量 weight	单价 unit price	产品型号 Product model	重量 weight	单价 unit price
CSA-012	1Pcs/0.252KG		CSA-021	1Pcs/0.231KG	
					
产品型号 Product model	重量 weight	单价 unit price	产品型号 Product model	重量 weight	单价 unit price
CSA-031	1Pcs/0.241KG		CSA-061	1Pcs/0.224KG	
					
产品型号 Product model	重量 weight	单价 unit price	产品型号 Product model	重量 weight	单价 unit price
CSA-071	1Pcs/0.219KG		CSA-081	1Pcs/0.236KG	