

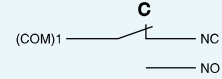
TZ-7 卧式限位开关 Horizontal Limit Switch

tmaztz®
永得工控开关

特征 Features

- 带内置标准型开关的封闭式开关，使用寿命长，高耐久性内藏微动开关确保重复精度。
- 面板安装板与 TM 标准型开关的操作位置相同。
- 比微动开关更适用于要求更高机械强度、防尘和防滴性能的应用。
- Enclosed Switches with Built-in Basic Switches for High Repeatability.
- Panel mount versions have the same operating position as Z Basic Switch.
- Suitable for applications demanding higher mechanical strength, dustproof and drip-proof properties than those on basic switches.

接触形式 Contact form



额定值 Ratings

额定电压 Rated voltage	非电感性负载 Noninductive Load (A)				电感性负载 Inductive Load (A)			
	电阻性负载 Resistance Load		灯泡负载 Lamp 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	5	2.5	
14VDC	10	3	1.5		6	5	2.5	
30VDC	6	3	1.5		5	5	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。
3、马达负载之突入电流为稳定状态电流之 6 倍。
4、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 has a power factor of 0.4 min (AC) and a time constant of 7 msec max (DC).
2. Lamp load has an inrush current of 10 times the steady-state current.
3. while motor load has an inrush current of 6 times the steady-state current.
4. Product with spring, its usable range of operating part is within one third of the whole spring length from the front end of spring.

动作特性 Operating Characteristics

动作特性	型号 Model	TZ-7100	TZ-7110	TZ-7310	TZ-7311	TZ-7312	TZ-7120	TZ-7140	TZ-7121	TZ-7141	TZ-7124	TZ-7144	TZ-7166
动作力 OF 最大 (Max)		5.88N	5.88N	5.88N	5.88N	1.47N	2.156N	1.764N	2.352N	1.96N	2.744N	1.176N	
回复力 RF 最小 (Min)		0.98N	0.98N	0.98N	0.98N	0.392N	0.588N	0.49N	0.784N	0.588N	0.98N		
预行程 PT 最大 (Max)		2.0mm	2.0mm	2.0mm	2.0mm	13.5mm	8.5mm	11.0mm	6.5mm	11mm	6.5mm	250mm	
过行程 OT 最小 (Min)		0.8mm	5.0mm	6.0mm	6.0mm	4.0mm	2.5mm	3.0mm	2.0mm	3.0mm	2.0mm	11mm	
应差距离 MD 最大 (Max)		0.8mm	0.8mm	0.8mm	0.8mm	3.2mm	2.0mm	2.4mm	1.5mm	2.4mm	1.5mm		
动作位置 OP		30.5 ± 0.8mm	44 ± 1.2mm	21.8 ± 1.2mm	33.3 ± 1.2mm	25 ± 1mm	25 ± 1mm	40 ± 1mm	40 ± 1mm	50 ± 1.2mm	50 ± 1.2mm		
自由位置 FP						35mm	32mm		46mm		56mm		

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外观和尺寸 Appearance and Dimension

TZ-7121

TZ-7141

TZ-7120

TZ-7140

TZ-7124

TZ-7144

TZ-7100

TZ-7110

TZ-7310

TZ-7311

TZ-7312

TZ-7166