

LL5XCMD Limit Switch 行程开关

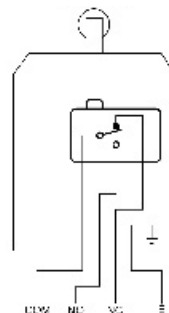


接触形式 Contact Type

特性 Specialty

该系列小型限位开关，外壳由特种合金金属组成，开关具有体积小、外形美观，选用塑料材质为开关本体，具有双重绝缘功能，头部、本体和连接部件模块化，可互换，任意角度可调，带线缆密封套管进线及快速连接器，触点模式有：NC+NO; NC+NC。

The cover of the limit switch is made of special alloying metal. This switch has a smart volume with beautiful appearance. It chooses the plastic material and owns the function of double insulated. The head, body and connection part can be exchanged. Which is convenient to be connected. Control circuit mode: NC+NO; NC+NC.



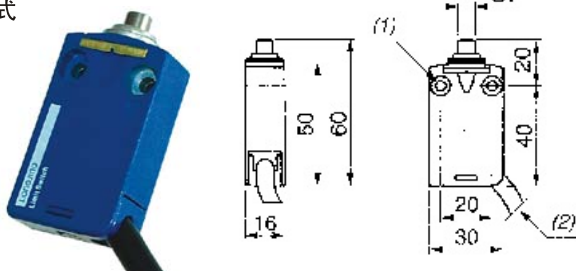
防护等级 protection degree	IP67	
寿命 life	机械的 mechanical	1,000万次以上 ten million times above
	电气的 electrical	20万次以上 two hundred thousand times above
操作速度 operation speed	0.1mm~0.5m/s	1mm~1m/s
操作频率 operation frequency	机械的 mechanical	120次/分(times/m)
	电气的 electrical	30次/分(times/m)
绝缘电阻 Insulation resistance	100MΩ以上(DC500V)	
接触电阻(初期值) contact resistance(Initial value)	300mΩ以下(below) 400mΩ以下	
耐电压 voltage withstand (50/60Hz1分钟)	同极端子间 between the terminals of same pole	AC 1,000V
	充电金属部间 between charged metal parts	AC 1,500V
	非充电金属部间 between non-charged metal parts	AC 1,500V
振动 vibration	误动作 misoperation	10~55Hz 复振幅(amplitude) 1.5mm
耐冲击 impact	耐久 durable	1,000m/s ² 以上
	误动作 misoperation	500m/s ² 以上
该产品可组合成多回路控制器 The product can serve as multi-circuit controller		

突入电流 inrush current	常闭 NC	最大(max) 20A
	常开 NO	最大(max) 10A
使用温度 ambient operating temperature		-10~+70°C
使用湿度 humidity		< 95%RH

额定电压 rated voltage (V)	无诱导负荷 without induced load(A)				诱导负荷 induced load(A)			
	抵抗负荷 resisting load		不抵抗负荷 non-resisting load		诱导负荷 induced load		电动机负荷 load	
	常闭 NC	常开 NO	常闭 NC	常开 NO	常闭 NC	常开 NO	常闭 NC	常开 NO
AC 125	5(0.1)		1.5	0.7	3	2.5	1.3	0.8
250	5		1	0.5	2	1.5	0.8	
DC 8	5(0.1)		2		5	4	3	
	5(0.1)		2		4	4	3	
	30		2		3	3	3	
	125		0.05		0.4		0.05	
	250		0.03		0.2		0.03	

动作特性 operation speciality	型号 mode	LL5XCMD2110L1 LL5XCMD2102L1	LL5XCMD2115L1 LL5XCMD2145L1	LL5XCMD21F0L1 LL5XCMD21F2L1	LL5XCMD2106L1
OF 最大(max)		500g	500g	500g	580g
RF 最小(min)		100g	150g	100g	150g
PT 最大(max)		1mm	25°	1mm	25°
OT 最小(min)		4mm	40°	4mm	40°
MD 最大(max)		0.12mm	3mm	0.12mm	3mm
OP		28.5±1mm	—	44.2±1mm	123.2±1mm
TT		5mm	5mm	5mm	5mm

LL5XCMD2110L1 (快动)
LL5XCMD2510L1 (慢动)
直动式



LL5XCMD2102L1 (快动)
LL5XCMD2502L1 (慢动)
钢滚轮直动式

