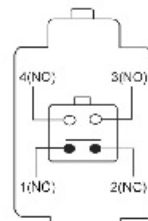


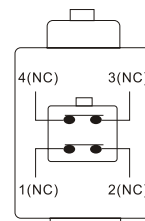
# LL1D4D-S Limit Switch 行程开关



## 接触形式Contact Type



一开一闭型  
1NC+1NO Type



二闭型  
2NC Type

LL1D4DS-□□□□型  
1 2 3 4

- 1尺寸dimension
- Pg13.5(出线孔型wire hole type)
- G1/2(出线孔型wire hole type)
- 1/2-14NPT(wire hole type)
- Pg13.5(wire hole type)
- G1/2(wire hole type)

- 2内藏开关inside switch
- 1NC.1NO接点contact(Slow Action)
- 2NC接点contact(Slow Action)
- 3头部安装方向the position of head install
- F: 正面face
- 4头部型式head type
- S: 标准standard

保护构造 protection degree		IP65(EN60947-5-1)
寿命life	机械性mechanical	100万次以上
	电气性electrical	15万次以上(AC250V 10A阻抗负载)
容许操作速度 operation speed	0.1m/s-0.5m/s	
接点间隙 (contactor gap)	最小2 × 2mm	
容许操作频率 operation frequency	最大30次/min	
强制开离力 force strength	最小58.84N(6kgf)	
强制开离行程 force movement	最小10mm	
绝缘阻抗 Isulation resistance	同极端子间和各端子和非充电金属部间 between terminal of same pole, every terminals, and non-charged metal parts > 100MΩ	
接触电阻 contact resistance	25MΩ 以下(初期值)	
耐压 耐电压	同极端子间 same terminal	Uimp 4KV(EN60947-5-1)
	共极端子间 terminal in same pole	Uimp 4KV(EN60947-5-1)
	各端子和非充电金属部间 terminal and non-charged metal	Uimp 4KV(EN60947-5-1)
额定绝缘电压 (Ui) rated isolation voltage	400V max.(EN60947-5-1)	
附带条件短路电流proviso short circuit current	100A(EN60947-5-1)	
闭路时逆起电压completed-circuit opposite voltage	最大1,500V(EN60947-5-1)	
污染度(使用环境)dustiness	污染度3(EN60947-5-1)	
额定密閉热电流(the) rated obturated thermocurrent	10A(EN60947-5-1)	
感电保护等级electrification protection degree	Class II (双重绝缘double insulation)	
振动vibration	误动作misoperation	10-55Hz 单振幅amplitude 0.75mm
冲击impact	耐久endurance	1,000m/s <sup>2</sup> {100G以上}
	误动作misoperation	300m/s <sup>2</sup> {30G以上}
使用周围温度temperature	-30-+70℃(但不能结冰with no ice)	
使用周围湿度humidity	< 95%RH	

型式mode	LL1D4DS-1□□□S型	LL1D4DS-5□□□S型
动作特性 operation specialty	LL1D4DS-2□□□S型	LL1D4DS-6□□□S型
	LL1D4DS-3□□□S型	LL1D4DS-7□□□S型
操作KEY插入力量 insert strength	最大 14.71N(1,500gf)	14.71N(1,500gf)
操作KEY拔出力量 pluck out strength	最大 29.42N(3,000gf)	29.42N(3,000gf)
动作前移动move before operation	6 ± 3mm	6 ± 3mm
整体移动move as a whole	28mm	28mm
强制开离力force strength 最小	58.84N(6,000gf)	58.84N(6,000gf)
强制开离冲程force movem最小	10mm	10mm

