

图片

PICTURE

	M8x1, L55	M8x1, L55
		
	CE	CE
直流-3线/DC-3 wires NPN N.O.	<b>IBT8-LS02NA-D3YV2</b> * 27	<b>IBT8-LN03NA-D3YV2</b> * 27
直流-3线/DC-3 wires NPN N.C.	<b>IBT8-LS02NB-D3YV2</b> * 27	<b>IBT8-LN03NB-D3YV2</b> * 27
直流-3线/DC-3 wires PNP N.O.	<b>IBT8-LS02PA-D3YV2</b> * 28	<b>IBT8-LN03PA-D3YV2</b> * 28
直流-3线/DC-3 wires PNP N.C.	<b>IBT8-LS02PB-D3YV2</b> * 28	<b>IBT8-LN03PB-D3YV2</b> * 28
直流-2线/DC-2 wires N.O.	—————	—————
直流-2线/DC-2 wires N.C.	—————	—————
检测距离/ Rated sensing distance	2mm	3mm
安装方式/Mounting	埋入/shield	非埋入/non-shield
工作电压/Supply voltage	DC12...24V (10...30V DC) 允许波动10%以下/ripple(p-p):10% max.	
漏电流/Leakage current	<0,01mA	
设定距离/Setting distance	0...1.6mm	0...2.4mm
标准检出物体/Sensing target	铁/Iron 8x8x1mm	铁/Iron 9x9x1mm
工作频率/Frequency	800Hz	700Hz
消耗电流/Consumption	≤15mA	
负载电流/Load current	200mA	
电压降/Voltage drop(V <sub>r</sub> )	≤1.8V	
滞后/Hysteresis	1...15%	
重复精度/Repeatability	≤5%	
LED 显示/Display	红色/Red LED	
保护/Protection Circuit	短路保护、反极性保护、过载保护/Short circuit protection, reversed polarity protection and overload protection	
工作温度/Operating temperature	-25...+70°C (未结露状态) / -25...+70°C(no condensation)	
抗冲击/Anti-impact	500m/s <sup>2</sup> (50G) X、Y、Z、方向各10次/500m/s <sup>2</sup> (50G) X、Y、Z direction, each 10 times	
抗震动/Anti-vibration	10...55Hz (振幅1.5mm) X、Y、Z、方向各2小时/10...55Hz(amplitude 1.5mm)X、Y、Z direction each 2 hours	
防护等级/Protection	IP67	
连接方式/Connection	M8插座式连接, 带LEDx4/M8 connector, LEDx4	
外壳材料/Housing material	黄铜镀镍/nickel-plated brass	
检测面材料/Sensing face material	PBT	
		

感应距离加长型接近开关

Long Sensing Range Inductive Proximity Sensor

尺寸图

Dimensional drawing

备注/Remark

1: \*27, \*28-NO of wiring diagram ( refers to page 14...17)