

图片

PICTURE

	M8x1, L40	M8x1, L44
		
	CE	CE
直流-3线/DC-3 wires NPN N.O.	IBT8-S1.5NA-D3Y2 * 01	IBT8-N02NA-D3Y2 * 01
直流-3线/DC-3 wires NPN N.C.	IBT8-S1.5NB-D3Y2 * 02	IBT8-N02NB-D3Y2 * 02
直流-3线/DC-3 wires PNP N.O.	IBT8-S1.5PA-D3Y2 * 03	IBT8-N02PA-D3Y2 * 03
直流-3线/DC-3 wires PNP N.C.	IBT8-S1.5PB-D3Y2 * 04	IBT8-N02PB-D3Y2 * 04
直流-2线/DC-2 wires N.O.	IBT8-S1.5LA-D2Y2 * 18	IBT8-N02LA-D2Y2 * 18
直流-2线/DC-2 wires N.C.	IBT8-S1.5LB-D2Y2 * 19	IBT8-N02LB-D2Y2 * 19
检测距离/Rated sensing distance	1.5mm	2mm
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	3线式/3 wires : <0.01mA(2线式/2 wires : <0.8mA)	
设定距离/Setting distance	0...1.2mm	0...1.6mm
标准检出物体/Sensing target	铁/iron 8x8x1mm	
工作频率/Frequency	1000Hz	
消耗电流/Consumption	≤15mA	
负载电流/Load current	200mA	
电压降/Voltage drop(V <sub>r</sub> )	≤1.8V(2线式: 负载电流100mA < 5V)/≤1.8V(2 wires: Load current 100mA < 5V)	
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	电缆线2M, 外径φ3.2mm (2线式: 外径φ2.8mm)/Cable: φ3.2mm 2M (2 wire: Cable φ2.8mm)	
外壳材料/Housing material	黄铜镀镍/nickel-plated brass	
检测面材料/Sensing face material	PBT	
		

尺寸图

Dimensional drawing

备注/Remark

1: \*01,\*02,\*03,\*04-NO of wiring diagram ( refers to page 14...17 )

2: Pigtail connection is also available