

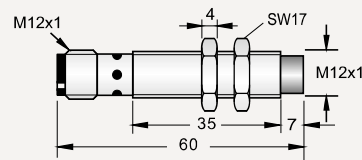
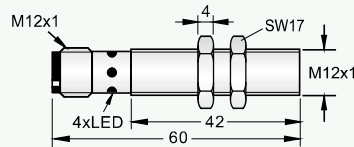
图片

PICTURE



	M12x1, L60	M12x1, L60
直流-3线/DC-3 wires NPN N.O.	<b>IBT12-S02NA-D4YV1</b> * 29	<b>IBT12-N04NA-D4YV1</b> * 29
直流-3线/DC-3 wires NPN N.C.	<b>IBT12-S02NB-D4YV1</b> * 30	<b>IBT12-N04NB-D4YV1</b> * 30
直流-3线/DC-3 wires PNP N.O.	<b>IBT12-S02PA-D4YV1</b> * 31	<b>IBT12-N04PA-D4YV1</b> * 31
直流-3线/DC-3 wires PNP N.C.	<b>IBT12-S02PB-D4YV1</b> * 32	<b>IBT12-N04PB-D4YV1</b> * 32
直流-2线/DC-2 wires N.O.	<b>IBT12-S02LA-D4YV1</b> * 37	<b>IBT12-N04LA-D4YV1</b> * 37
直流-2线/DC-2 wires N.C.	<b>IBT12-S02LB-D4YV1</b> * 38	<b>IBT12-N04LB-D4YV1</b> * 38
检测距离/ Rated sensing distance	2mm	4mm
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...1.6mm	0...3.2mm
标准检出物体/Sensing target	铁/Iron 12x12x1mm	
工作频率/Frequency	800Hz	600Hz
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	M12插座式连接, 带LEDx4/M12 connector, LEDx4	
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: \*29, \*30, \*31, \*32-NO of wiring diagram (refers to page 14...17)