

图片

PICTURE

| | M12x1, L50 | M12x1, L50 |
|-----------------------------------|---|---|
| |  |  |
| | CE | CE |
| 直流-3线/DC-3 wires NPN N.O. | IBT12-S02NA-D3Y2-1 *01 | IBT12-N04NA-D3Y2-1 *01 |
| 直流-3线/DC-3 wires NPN N.C. | IBT12-S02NB-D3Y2-1 *02 | IBT12-N04NB-D3Y2-1 *02 |
| 直流-3线/DC-3 wires PNP N.O. | IBT12-S02PA-D3Y2-1 *03 | IBT12-N04PA-D3Y2-1 *03 |
| 直流-3线/DC-3 wires PNP N.C. | IBT12-S02PB-D3Y2-1 *04 | IBT12-N04PB-D3Y2-1 *04 |
| 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 | <0.01mA | |
| 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 | 600HZ | 400HZ |
| 消耗电流/Consumption | ≤15mA | |
| 负载电流/Load current | 200mA | |
| 电压降/Voltage drop(V _r) | ≤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 ² (50G) X、Y、Z、方向各10次/500m/s ² (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φ4mm/Cable: φ4mm 2M | |
| 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

注 1: *01,*02,*03,*04...表示接线图序号,详见14...17页。

2: 连接方式可选择插头式连接线(猪尾式)