


对射型光电传感器

感应距离: 6m、10m、15m、20m、25m

红外光, 940nm

供电电压: 10-30VDC

输出: 100mA, NPN or PNP N.O. or N.C.可选

LED指示输出状态或电源ON

保护: 电源反接保护, 输出短路保护, 输出反接保护

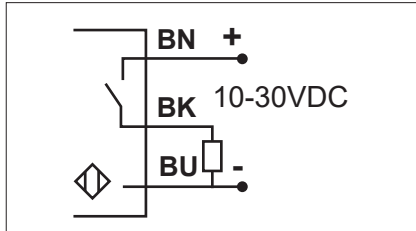
Cable线连接

防护等级IP67

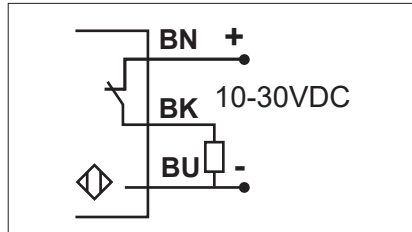
一般规格

外壳尺寸	Φ12mmx40.8mm
感应距离	6m、10m、15m、20m、25m Max.
盲区	无
操作电压	10-30VDC (包含纹波)
空载电流:	发射: ≤20mA 接收: ≤16mA
输出负载电流	≤100mA
电压压降	≤1.6VDC@100mA
保护	发射: 电源反接保护 接收: 电源反接保护, 输出短路保护, 输出反接保护
工作频率	≤100Hz
温度漂移	≤0.5%/°C±20%
光源	红外光, 940nm
抗光干扰	>20.000LUX
光学角度:	±8°/10%
环境温度:	
工作温度	-20到50°C
储存温度	-25到80°C
响应时间:	
ON-OFF(toff)	≤6.5ms
OFF-ON(ton)	≤3.5ms
电源ON延时	≤300ms
输出开关功能:	
NPN or PNP	NO or NC可选
LED指示:	
发射:	绿灯指示电源ON
接收:	黄灯指示输出ON
重量	
接收	≤80g(5m线)
发射	≤80g(5m线)
防护等级	IP67
外壳材料	Cu/聚合物(PC),黑色
Cable线	接收: PVC, 灰色, 5m, Φ4mm 发射: PVC, 黑色, 5m, Φ4mm

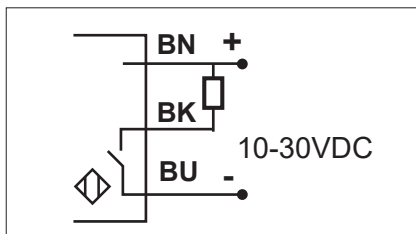
接线图



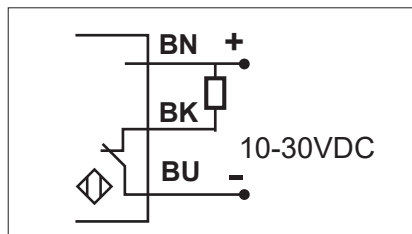
P12RxxPO



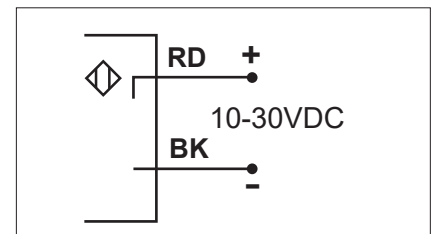
P12RxxPC



P12RxxNO



P12RxxNC



P12Txx

订货信息

P	12	R	25	NO		/	XXXX
①	②	③	④	⑤	⑥		⑦

① 光电传感器

 ② 外形尺寸
 12: 直径12mm

 ③ 对射
 R: 对射式接收
 T: 对射式发射

 ④ 感应距离
 6: 6m
 10: 10m
15: 15m
20: 20m
 25: 25m

 ⑤ 输出方式
 NO: NPN N.O.
 NC: NPN N.C.
 PO: PNP N.O.
 PC: PNP N.C.

⑥ 线长

 无: 线长5m
A10: 线长10m
 M8: 线长为0.15, 带M8插头

 ⑦ 特殊功能
 XXXX

注: 黑体为常备库存或为推荐订货型号

附件:

TCM052: 发射线5M, 黑色, 线径4MM,M8插头; RCM059: 接收线5M, 灰色, 线径4MM,M8插头;

TCM102: 发射线10M, 黑色, 线径4MM,M8插头; RCM109: 接收线10M, 灰色, 线径4MM,M8插头;

产品选择

连接方式	感应距离	接收 NPN,NO	接收 NPN,NC	接收 PNP,NO	接收 PNP,NC	发射
电缆线5m	6m	P12R6NO	P12R6NC	P12R6PO	P12R6PC	P12T6
电缆线2m	6m	P12R6NOA2	P12R6NCA2	P12R6POA2	P12R6PCA2	P12T6A2
电缆线10m	6m	P12R6NOA10	P12R6NCA10	P12R6POA10	P12R6PCA10	P12T6A10
线长0.15m, 带M8插头	6m	P12R6NOM8	P12R6NCM8	P12R6POM8	P12R6PCM8	P12T6M8
电缆线5m	10m	P12R10NO	P12R10NC	P12R10PO	P12R10PC	P12T10
电缆线2m	10m	P12R10NOA2	P12R10NCA2	P12R10POA2	P12R10PCA2	P12T10A2
电缆线10m	10m	P12R10NOA10	P12R10NCA10	P12R10POA10	P12R10PCA10	P12T10A10
线长0.15m, 带M8插头	10m	P12R10NOM8	P12R10NCM8	P12R10POM8	P12R10PCM8	P12T10M8
电缆线5m	15m	P12R15NO	P12R15NC	P12R15PO	P12R15PC	P12T15
电缆线2m	15m	P12R15NOA2	P12R15NCA2	P12R15POA2	P12R15PCA2	P12T15A2
电缆线10m	15m	P12R15NOA10	P12R15NCA10	P12R15POA10	P12R15PCA10	P12T15A10
线长0.15m, 带M8插头	15m	P12R15NOM8	P12R15NCM8	P12R15POM8	P12R15PCM8	P12T15M8
电缆线5m	20m	P12R20NO	P12R20NC	P12R20PO	P12R20PC	P12T20
电缆线2m	20m	P12R20NOA2	P12R20NCA2	P12R20POA2	P12R20PCA2	P12T20A2
电缆线10m	20m	P12R20NOA10	P12R20NCA10	P12R20POA10	P12R20PCA10	P12T20A10
线长0.15m, 带M8插头	20m	P12R20NOM8	P12R20NCM8	P12R20POM8	P12R20PCM8	P12T20M8
电缆线5m	25m	P12R25NO	P12R25NC	P12R25PO	P12R25PC	P12T25
电缆线2m	25m	P12R25NOA2	P12R25NCA2	P12R25POA2	P12R25PCA2	P12T25A2
电缆线10m	25m	P12R25NOA10	P12R25NCA10	P12R25POA10	P12R25PCA10	P12T25A10
线长0.15m, 带M8插头	25m	P12R25NOM8	P12R25NCM8	P12R25POM8	P12R25PCM8	P12T25M8

机械图

