



镜片反射型光电传感器

P50系列

感应距离 5m, 7m, 10m可选

红外光 880nm

带激光参考点

继电器输出 120VAC/2A or 24VDC/2A

晶体管输出 100mA Max.

NPN/PNP,NO/NC可选

电源反接保护

工作电压 10-30VDC

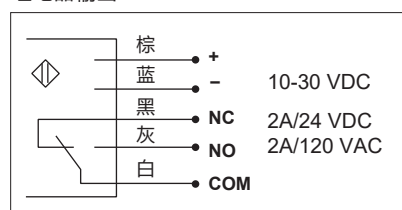
防护等级 IP65

一般规格

外壳尺寸	50x50x17mm
感应距离	5m, 7m, 10m Max.
反射板	MQ52
盲区	无
回差	3~20%
输入电压	10-30VDC (包含纹波)
空载电流	≤60mA
输出负载	继电器输出: 120VAC/2A or 24VDC/2A 晶体管输出: 100mA Max.
保护	电源反接保护
工作频率	≤100Hz
激光延时	3min.
温度漂移	≤0.5%/°C
光源	红外光, 880nm
抗光干扰	≤5KLUX
工作温度	-20°C...+60°C
储存温度	-25°C...+80°C
响应时间	ON-OFF(toff) ≤5ms OFF-ON(ton) ≤5ms
电源延时	≤300ms
输出指示	LED, 黄灯亮
重量	≤120g
防护等级	IP65
外壳材料	聚合物(PC),白色
连接方式	PVC, 灰色, 0.2mm ² , 2m (常规) 0.15m电缆线+M7连接器

接线图

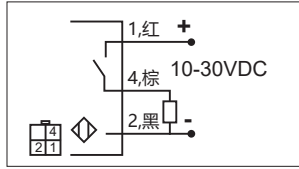
继电器输出



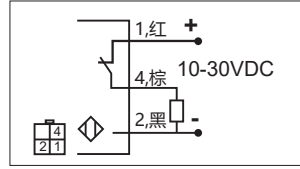
P50P7R/LE

接线图

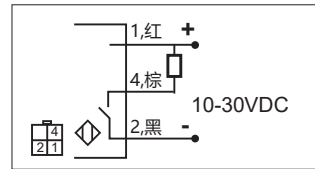
NPN/PNP,NO/NC输出 (M7连接器)



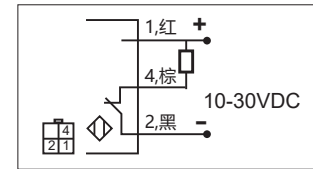
P50PxPOTM7/LE



P50PxPCTM7/LE

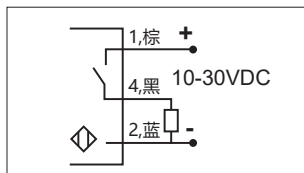


P50PxNOTM7/LE

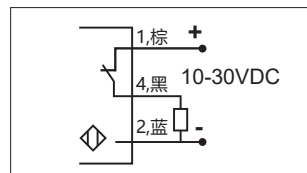


P50PxNCTM7/LE

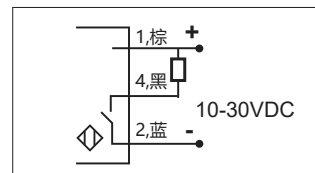
NPN/PNP,NO/NC输出 (2m电缆线)



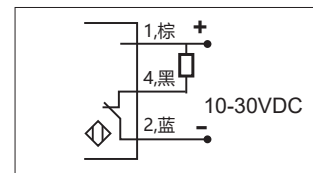
P50PxPO (T) /LE



P50PxPC (T) /LE



P50PxNO (T) /LE



P50PxNC (T) /LE

订货信息

P	50	P	10	NO	M7	/	LE	/	SA103
①	②	③	④	⑤	⑥		⑦		⑧

①光电传感器

②外形尺寸
50: 宽50mm

③检测原理
P: 镜片反射

④感应距离
5: 5m
7: 7m
10: 10m

⑤输出方式
NOT: 晶体管输出 NPN N.O
NCT: 晶体管输出NPN N.C
POT: 晶体管输出PNP N.O
PCT: 晶体管输出PNP N.C
PCOT: 晶体管输出PNP N.O,and PNP N.C
NCOT: 晶体管输出NPN N.C,and NPN N.O
R: 继电器输出 PNP N.O&N.C and NPN N.O&N.C
NO: 继电器输出NPN N.O
NC: 继电器输出NPN N.C
PO: 继电器输出PNP N.O
PC: 继电器输出 PNP N.C

⑥连接
无: 2m电缆连接
A3: 3m电缆连接
M7: 0.15m电线+M7连接器

⑦激光
LE: 带红色激光经济型
LC: 带红色激光起重机防撞系统专用产品

⑧特殊要求
SAXXX: 客户代码

注: 黑体为常备库存或为推荐订货型号

产品选择

连接方式	感应距离	继电器输出				
		PNP/NPN or NO/NC	NPN N.O.	NPN N.C.	PNP N.O.	PNP N.C.
电缆线2m	7m	P50P7R/LE	P50P7NO/LE	P50P7NC/LE	P50P7PO/LE	P50P7PC/LE
电缆线2m	10m	P50P10R/LE	P50P10NO/LE	P50P10NC/LE	P50P10PO/LE	P50P10PC/LE
电缆线3m	7m	P50P7RA3/LE	P50P7NOA3/LE	P50P7NCA3/LE	P50P7POA3/LE	P50P7PCA3/LE
电缆线3m	10m	P50P10RA3/LE	P50P10NOA3/LE	P50P10NCA3/LE	P50P10POA3/LE	P50P10PCA3/LE
M7连接器0.15m	7m	/	P50P7NOM7/LE	P50P7NCM7/LE	P50P7POM7/LE	P50P7PCM7/LE
M7连接器0.15m	10m	/	P50P10NOM7/LE	P50P10NCM7/LE	P50P10POM7/LE	P50P10PCM7/LE
电缆线2m	5m	P50P5R/LC	/	/	/	/

连接方式	感应距离	晶体管输出					
		NPN N.O.	NPN N.C.	PNP N.O.	PNP N.C.	NPN N.O.+N.C.	PNP N.O.+N.C.
电缆线2m	7m	P50P7NOT/LE	P50P7NCT/LE	P50P7POT/LE	P50P7PCT/LE	P50P7NCOT/LE	P50P7PCOT/LE
电缆线2m	10m	P50P10NOT/LE	P50P10NCT/LE	P50P10POT/LE	P50P10PCT/LE	P50P10NCOT/LE	P50P10PCOT/LE
电缆线3m	7m	P50P7NOTA3/LE	P50P7NCTA3/LE	P50P7POTA3/LE	P50P7PCTA3/LE	P50P7NCOTA3/LE	P50P7PCOTA3/LE
电缆线3m	10m	P50P10NOTA3/LE	P50P10NCTA3/LE	P50P10POTA3/LE	P50P10PCTA3/LE	P50P10NCOTA3/LE	P50P10PCOTA3/LE
M7连接器0.15m	7m	P50P7NOTM7/LE	P50P7NCTM7/LE	P50P7POTM7/LE	P50P7PCTM7/LE		
M7连接器0.15m	10m	P50P10NOTM7/LE	P50P10NCTM7/LE	P50P10POTM7/LE	P50P10PCTM7/LE		

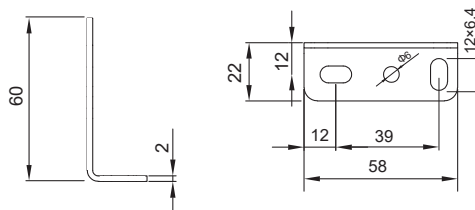
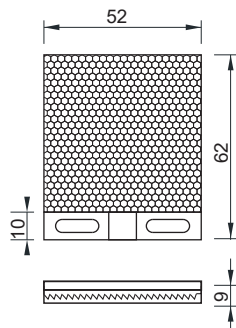
电缆线附件

NO.	订购料号	型号
1	CFM7-FM7-3M	3m三芯线，红棕黑，双头5556-4P（母头）
2	CFM7-MJ12-3M	3m三芯线，红棕黑，一端母头5556-4P，另一端母头3.96-3P
3	CFM7-FJ8-3M	3m三芯线，红棕黑，一端母头5556-4P，另一端母头XH-3Y

附件

反射板：MQ52

安装支架：PIB-L60



机械图

