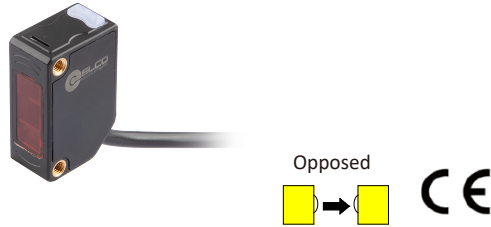


Product Description:

- High performance small square type photoelectric sensor, standard mounting aperture 25.4mm
- Infrared light detection mode, suitable for applications such as mask machines, ATM machines, logistics transportation, new energy, etc.

Product features:

- Light on and dark on can be adjusted
- IP67 protection rating
- M8 connector and cable connection



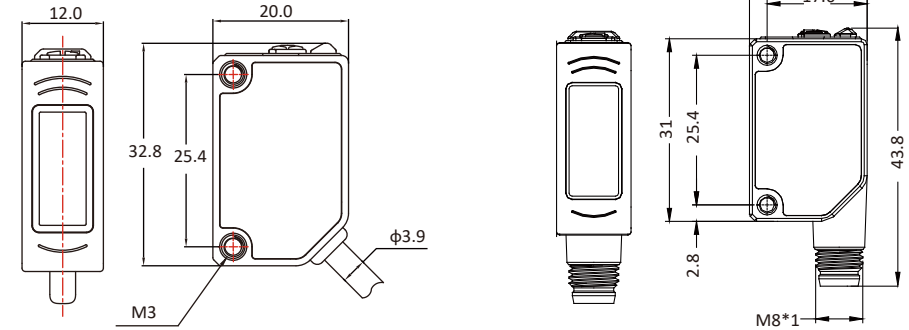
Type	Distance	Beam	Output	Connection	Wiring
OS10-S6 *M ¹⁾	30m	Infrared	---	Cable	Fig.1
OS10-ECN6 *M ¹⁾		---	NPN	Cable	Fig.2
OS10-ECP6 *M ¹⁾		---	PNP	Cable	Fig.3
OS10-S6Q8	30m	Infrared	---	M8 Connector	Fig.4
OS10-ECN6Q8		---	NPN	M8 Connector	Fig.5
OS10-ECP6Q8		---	PNP	M8 Connector	Fig.6

Note 1): * M refers to the cable length in meters. If there is no * M in the model, the default cable length is 2 meters.

TECHNICAL SPECIFICATION

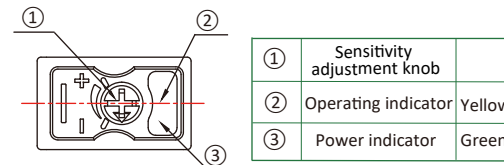
OPERATING VOLTAGE	10...30 V DC	AMBIENT TEMPERATURE OPERATION	-25°C...+55°C
LIGHT SOURCE TYPE	Infrared,850nm	AMBIENT TEMPERATURE STORAGE	-40°C...+70°C
OUTPUT CHARACTERISTIC	PNP/NPN	CIRCUIT PROTECTION	Short-circuit protection, reverse polarity protection, over-load protection
LOAD CURRENT	≤100mA	PROTECTION DEGREE	IP67
RESPONSE TIME	≤2ms	HOUSING MATERIAL	PC+PBT,PMMA
SWITCHING FREQUENCY	800Hz	CONNECTING TYPE	Cable /4-pin M8 connector
SWITCH MODE SETTING	WH:U+/-blank Light on U- Dark on		
ANGLE OF DIVERGENCE	3°		

DIMENSIONS

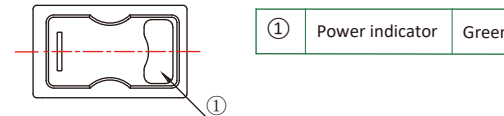


INDICATORS

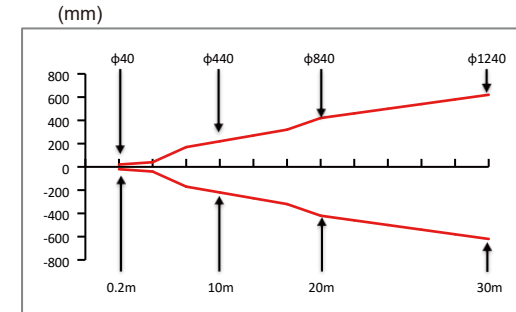
Receiver



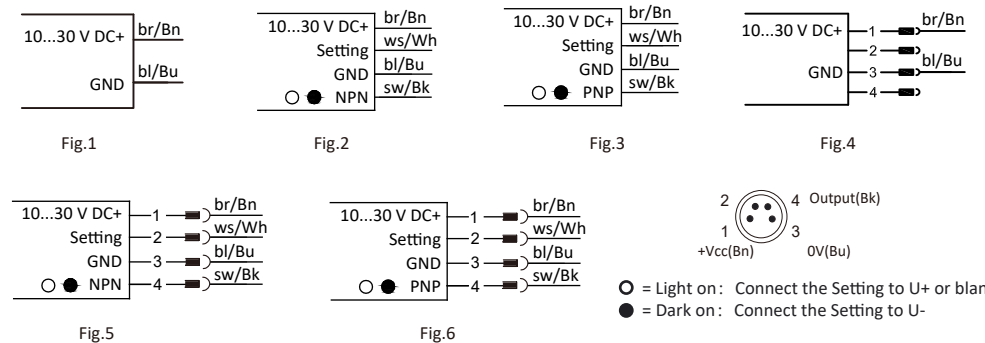
Emmitter



SPOT PATTERN



ELECTRICAL CONNECTION

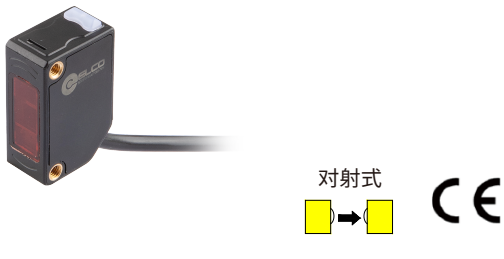


产品说明:

- 高性能小型光电传感器, 标准安装孔径25.4mm
- 红外对射检测模式, 适用口罩机、ATM机、物流输送、新能源等应用

产品特点:

- 亮暗通可设置
- IP67防护等级
- M8 接插件, 线缆接线



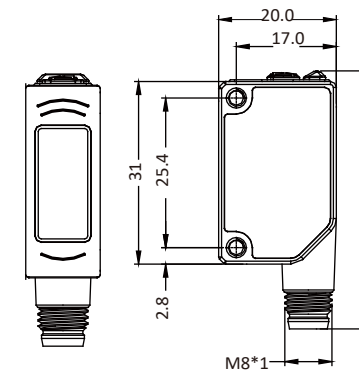
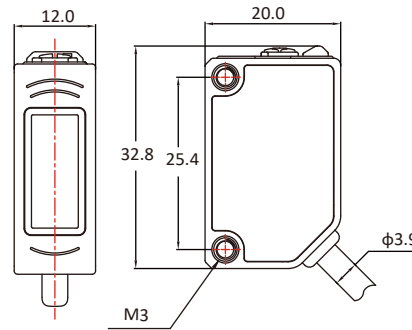
型号	检测距离	光源	输出方式	连接方式	接线图
OS10-S6 *M ¹⁾	30m	红外光	—	线缆	图1
OS10-ECN6 *M ¹⁾		—	NPN	线缆	图2
OS10-ECP6 *M ¹⁾		—	PNP	线缆	图3
OS10-S6Q8	30m	红外光	—	M8 连接器	图4
OS10-ECN6Q8		—	NPN	M8 连接器	图5
OS10-ECP6Q8		—	PNP	M8 连接器	图6

注1): *M表示线缆长度, 单位米, 型号中无*M默认线缆长度为2米。

技术参数

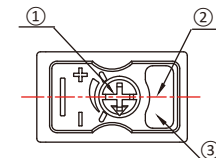
工作电压	10...30 V DC	工作温度	-25°C...+55°C
光源	红外光, 850nm	环境温度	-40°C...+70°C
输出特性	PNP/NPN	保护电路	短路保护 反极性保护 输出过载保护
负载电流	≤100mA	防护等级	IP67
响应时间	≤2ms	外壳	PC+PBT, PMMA
频率	800Hz	连接方式	PUR线缆 /M8 连接器
开关模式设置	白线: U+/悬空 亮通 U- 暗通		
发射角度	3°		

外形尺寸



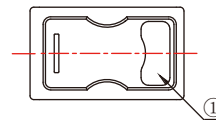
操作指示

接收端



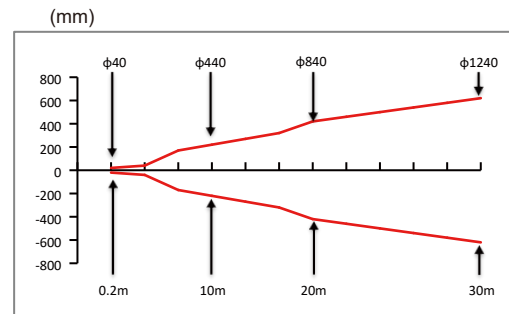
①	灵敏度调节旋钮	
②	操作指示灯	黄色
③	电源指示灯	绿色

发射端



①	电源指示灯	绿色
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光斑图



接线图

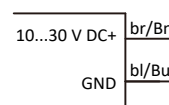


图1

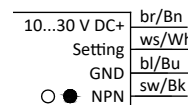


图2

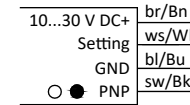


图3

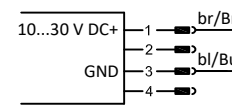


图4

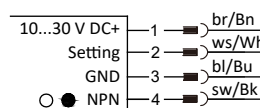


图5

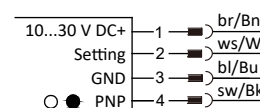


图6



- = 亮通: Setting 接 U+或置空
- = 暗通: Setting 接 U-