

Product Description:

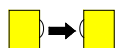
- M18 cylindrical installation method, high cost-effectiveness, and a wide selection of models.
- Suitable for applications in logistics transportation, textile, garage, and electronics industries.

Product features:

- Universal installation method
- Bright status indicator light



Throughbeam



Type	Distance	Beam	Output	Connection	Wiring
OP18-S6 *M ¹⁾	10m	Infrared light	-----	Cable	Fig.1
OP18-S6Q	10m	Infrared light	-----	Connetor	Fig.2
OP18-EVP6 *M ¹⁾	10m	-----	PNP	Cable	Fig.3
OP18-EVP6Q	10m	-----	PNP	Connetor	Fig.4
OP18-EVN6 *M ¹⁾	10m	-----	NPN	Cable	Fig.5
OP18-EVN6Q	10m	-----	NPN	Connetor	Fig.6

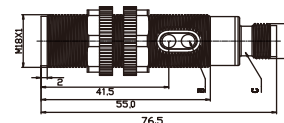
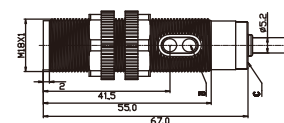
Note 1): * M refers to the cable length in meters. If there is no * M in the model, the default cable length is 2 meters.

TECHNICAL SPECIFICATION

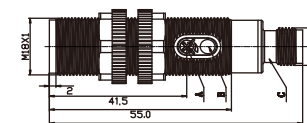
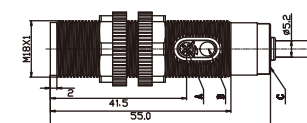
OPERATING VOLTAGE	10...30VDC	AMBIENT TEMPERATURE OPERATION	-25°C...+60°C
RIPPLE VOLTAGE	±10% of U _B	AMBIENT TEMPERATURE STORAGE	-40°C...+70°C
LIGHT SOURCE TYPE	Infrared light	CIRCUIT PROTECTION	Short-circuit protection, reverse polarity protection, over-load protection
OUTPUT CHARACTERISTIC	PNP/NPN	PROTECTION DEGREE	IP67
LOAD CURRENT	≤200mA	HOUSING MATERIAL	PBT+PC
SWITCHING FREQUENCY	100Hz	CONNECTING TYPE	*m PVC cable /M12 connector
ADJUSTMENT OF SENSITIVITY	Knob adjustment		

DIMENSIONS

Emitter

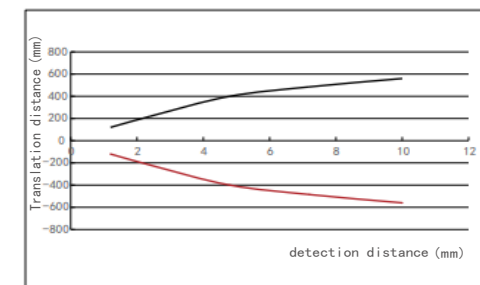


Receiver



INDICATORS

A	Sensitivity adjustment knob	
B	steady state indicator	Green
C	Output indicator	Red



ELECTRICAL CONNECTION

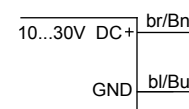


Fig.1

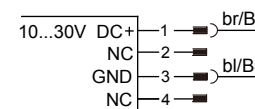


Fig.2

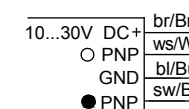


Fig.3

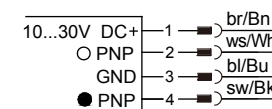


Fig.4

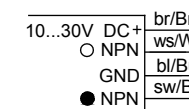


Fig.5

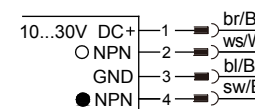
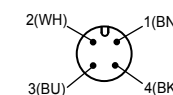


Fig.6



○ =Light on
● =Dark on

产品说明:

- M18圆柱形安装方式，高性价比，丰富的机型选择。
- 适用物流运输，纺织，车库，电子行业应用。

产品特点:

- 通用安装方式
- 明亮状态指示灯



对射式



型号	检测距离	光源	输出方式	连接方式	接线图
OP18-S6 *M ¹⁾	10m	红外光	-----	线缆	图1
OP18-S6Q	10m	红外光	-----	M12 连接器	图2
OP18-EVP6 *M ¹⁾	10m	-----	PNP	线缆	图3
OP18-EVP6Q	10m	-----	PNP	M12 连接器	图4
OP18-EVN6 *M ¹⁾	10m	-----	NPN	线缆	图5
OP18-EVN6Q	10m	-----	NPN	M12 连接器	图6

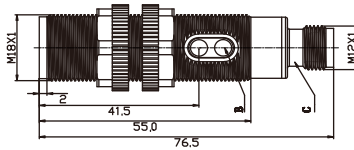
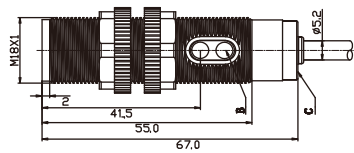
注1)：*M表示线缆长度，单位米，型号中无*M默认线缆长度为2米。

技术参数

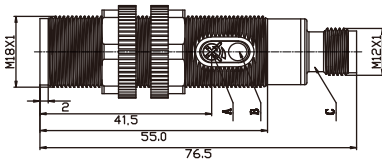
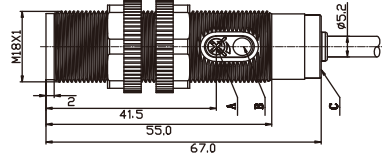
工作电压	10...30VDC	工作温度	-25°C...+60°C
纹波电压	±10% of U _s	环境温度	-40°C...+70°C
光源	红外光	保护电路	短路保护 反极性保护 输出过载保护
输出特性	PNP/NPN		
负载电流	≤200mA	防护等级	IP67
开关频率	100Hz	外壳	PC+PBT
灵敏度调节	旋钮调节	连接方式	*m PVC线缆 /M12连接器

外形尺寸

发射

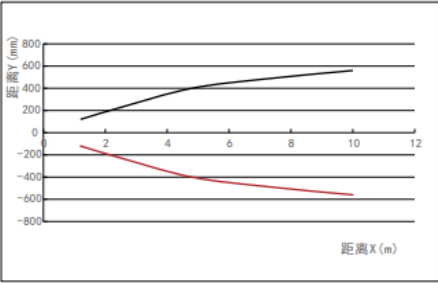


接收



操作指示

A	灵敏度调节	
B	稳态指示灯	绿色
C	输出指示灯	红色



接线图

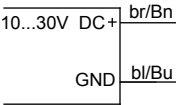


图1

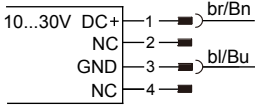


图2

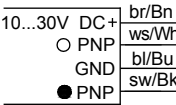


图3

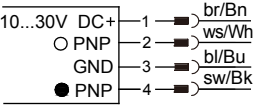


图4

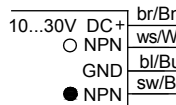


图5

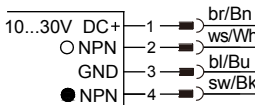
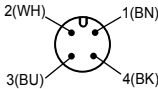


图6



○ =亮通
● =暗通