

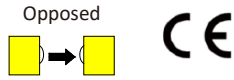
Product Description:

- 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



Type	Distance	Beam	Output	Connection	Wiring
OP18-S6 *M ¹⁾	10m	Infrared light	----	Cable	Fig.1
OP18-S6Q	10m	Infrared light	----	M12 Connector	Fig.2
OP18-EVP6 *M ¹⁾	10m	----	PNP	Cable	Fig.3
OP18-EVP6Q	10m	----	PNP	M12 Connector	Fig.4
OP18-EVN6 *M ¹⁾	10m	----	NPN	Cable	Fig.5
OP18-EVN6Q	10m	----	NPN	M12 Connector	Fig.6

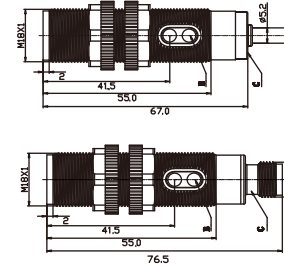
Note 1): * M refers to the cable length in meters. If there is no * M in the model, the default cable length is 2 meters.

TECHNICAL SPECIFICATION

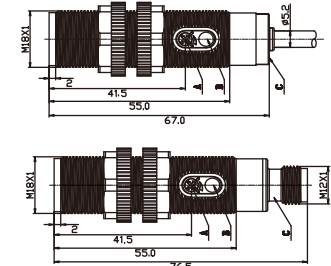
OPERATING VOLTAGE	10...30 V DC	AMBIENT TEMPERATURE OPERATION	-25°C...+65°C
RIPPLE VOLTAGE	±10% of U _B	AMBIENT TEMPERATURE STORAGE	-40°C...+70°C
LIGHT SOURCE TYPE	Infrared light	CIRCUIT PROTECTION	Short-circuit protection, reverse polarity protection, over-load protection
OUTPUT CHARACTERISTIC	PNP/NPN	PROTECTION DEGREE	IP67
LOAD CURRENT	≤100mA	HOUSING MATERIAL	PBT+PC
SWITCHING FREQUENCY	100Hz	CONNECTING TYPE	*m PVC cable /M12 connector
ADJUSTMENT OF SENSITIVITY	Knob adjustment		

DIMENSIONS

Emitter



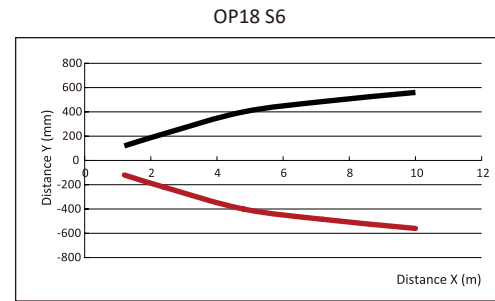
Receiver



INDICATORS

A	Sensitivity adjustment	
B	Steady state indicator	LED/Green
C	Output indicator	LED/Yellow

TRANSLATION CHARACTERISTIC CURVE



ELECTRICAL CONNECTION

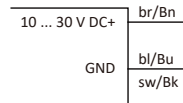


Fig. 1

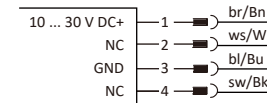


Fig. 2

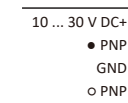


Fig. 3

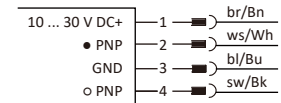


Fig. 4

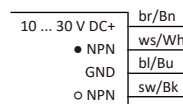


Fig. 5

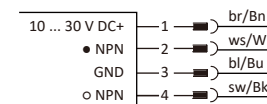
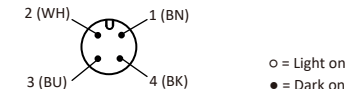


Fig. 6



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



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

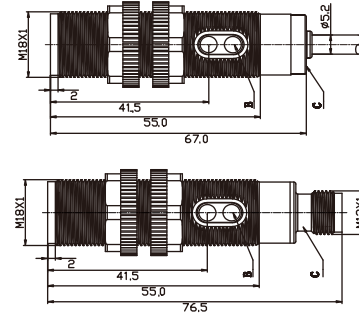
注☒: *M表示线缆长度, 单位米, 型号中无*M默认线缆长度为2米。

技术参数

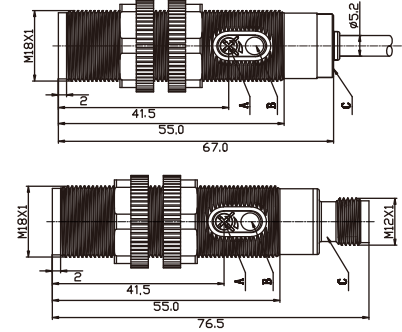
工作电压	10...30 V DC	工作温度	-25°C...+65°C
纹波电压	±10% of U _B	环境温度	-40°C...+70°C
光源	红外光	保护电路	短路保护 反极性保护 输出过载保护
输出特性	PNP/NPN	防护等级	IP67
负载电流	≤ 100mA	外壳	PBT+PC
开关频率	100Hz	连接方式	*m PVC 线缆 /M12连接器
灵敏度调节	旋钮调节		

外形尺寸

发射



接收

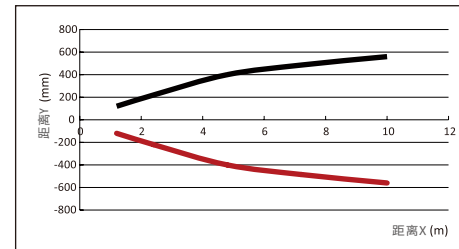


操作指示

A	灵敏度调节	
B	稳态指示灯	LED/绿色
C	输出指示灯	LED/黄色

平移特性曲线

OP18 S6



接线图

