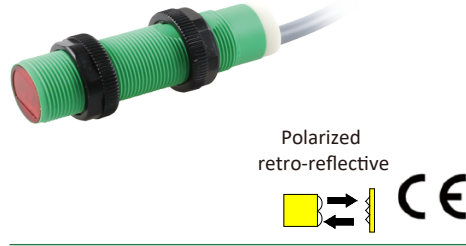


Product Description:

- 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-RPVP6 *M ¹⁾	3m ²⁾	Red	PNP	Cable	Fig.1
OP18-RPVP6Q	3m ²⁾	Red	PNP	M12 Connector	Fig.2
OP18-RPVN6 *M ¹⁾	3m ²⁾	Red	NPN	Cable	Fig.3
OP18-RPVN6Q	3m ²⁾	Red	NPN	M12 Connector	Fig.4

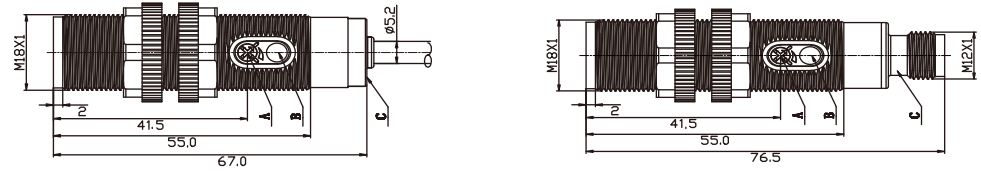
Note 1): * M refers to the cable length in meters. If there is no * M in the model, the default cable length is 2 meters.

2): The above technical data are based on reflector RB50X50(Optional).

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	Red LED	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	800Hz	CONNECTING TYPE	*m PVC cable /M12 connector
ADJUSTMENT OF SENSITIVITY	Knob adjustment		

DIMENSIONS

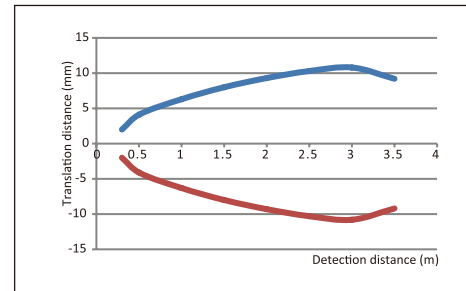


INDICATORS

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

TRANSLATION CHARACTERISTIC CURVE

OP18 Polarized retro-reflective



ELECTRICAL CONNECTION

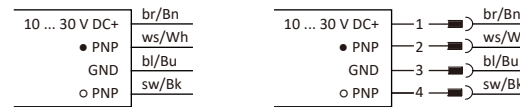


Fig. 1

Fig. 2

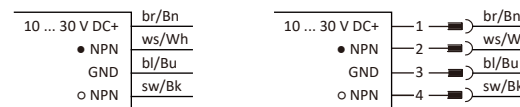
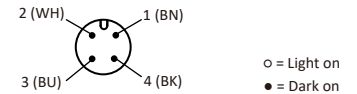


Fig. 3

Fig. 4



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



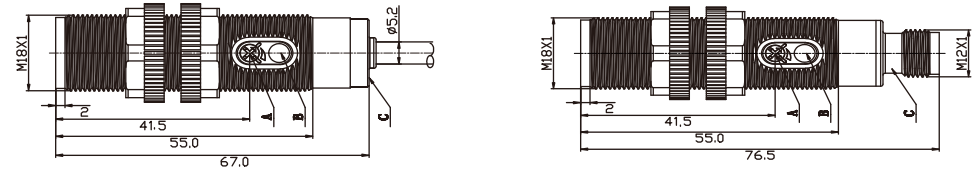
型号	检测距离	光源	输出方式	连接方式	接线图
OP18-RPVP6 *M ¹⁾	3m ²⁾	红光	PNP	线缆	图1
OP18-RPVP6Q	3m ²⁾	红光	PNP	M12连接器	图2
OP18-RPVN6 *M ¹⁾	3m ²⁾	红光	NPN	线缆	图3
OP18-RPVN6Q	3m ²⁾	红光	NPN	M12连接器	图4

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。
2): 以反射板RB50×50标定 (选配)

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	800Hz	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

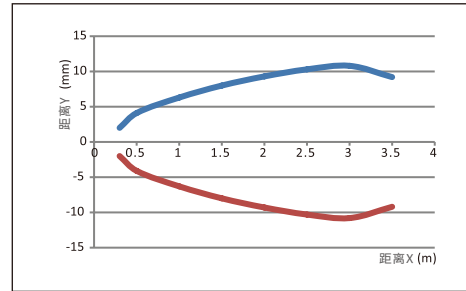


操作指示

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 偏振镜反



接线图

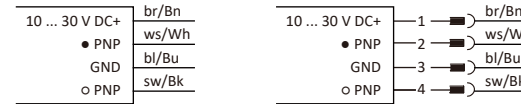


图1

图2

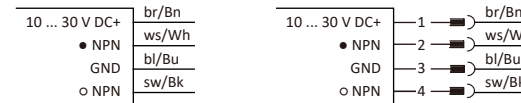
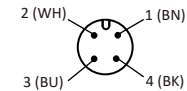


图3

图4



○ = 亮通
● = 暗通