

Product Description:

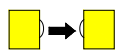
- M18 cylindrical installation method, metal shell.
- Suitable for logistics transportation, food and beverage, printing, small equipment and other applications.

Product features:

- Strong impact resistance
- 60 meter laser beam



Throughbeam



Type	Distance	Beam	Output	Connection	Wiring
OM18-S6 *M ¹⁾	10m	Infrared light	----	Cable	Fig.1
OM18-S6Q	10m	Infrared light	----	Connector	Fig.2
OM18-EVP6 *M ¹⁾	10m	----	PNP	Cable	Fig.3
OM18-EVP6Q	10m	----	PNP	Connector	Fig.4
OM18-EVN6 *M ¹⁾	10m	----	NPN	Cable	Fig.5
OM18-EVN6Q	10m	----	NPN	Connector	Fig.6

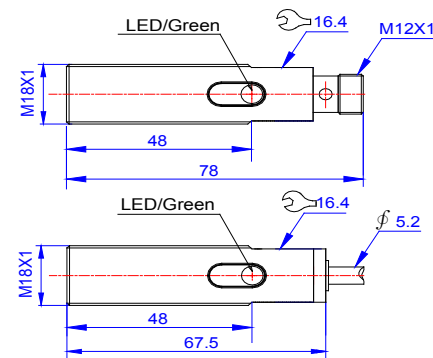
Note 1): * M refers to the cable length in meters. If there is no * M in the model, the default cable length is 2 meters.

TECHNICAL SPECIFICATION

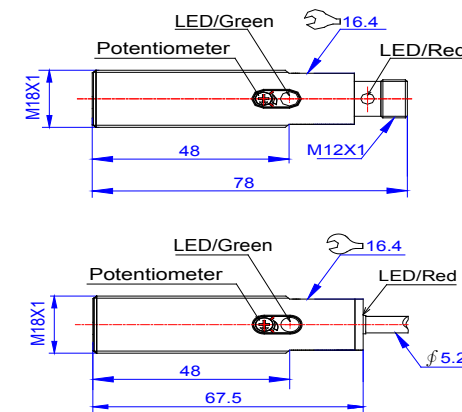
OPERATING VOLTAGE	10...30VDC	AMBIENT TEMPERATURE OPERATION	-25°C...+60°C
RIPPLE VOLTAGE	±10% of U _B	AMBIENT TEMPERATURE STORAGE	-40°C...+70°C
LIGHT SOURCE TYPE	Infrared light	CIRCUIT PROTECTION	Short-circuit protection, reverse polarity protection, over-load protection
OUTPUT CHARACTERISTIC	PNP/NPN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

DIMENSIONS

Emitter

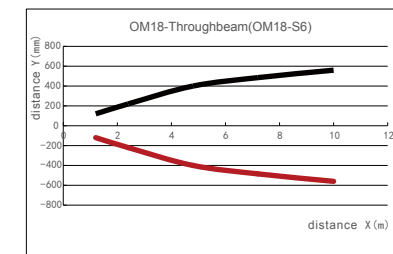


Receiver



INDICATORS

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



ELECTRICAL CONNECTION

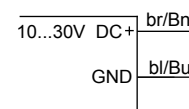


Fig.1

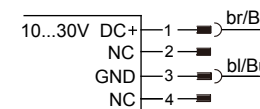


Fig.2

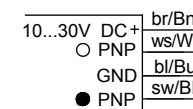


Fig.3

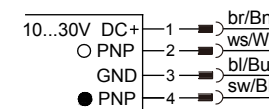


Fig.4

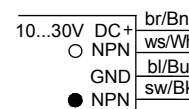


Fig.5

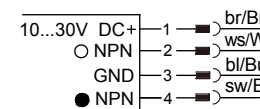
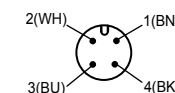


Fig.6



○ =Light on
● =Dark on

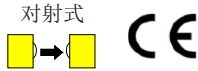
产品说明:

- M18圆柱形安装方式，金属外壳。
- 适用物流运输，食品饮料，印刷，小型设备等应用。



产品特点:

- 抗冲击能力强
- 60米激光对射



型号	检测距离	光源	输出方式	连接方式	接线图
OM18-S6 *M ¹⁾	10m	红外光	-----	线缆	图1
OM18-S6Q	10m	红外光	-----	M12 连接器	图2
OM18-EVP6 *M ¹⁾	10m	-----	PNP	线缆	图3
OM18-EVP6Q	10m	-----	PNP	M12 连接器	图4
OM18-EVN6 *M ¹⁾	10m	-----	NPN	线缆	图5
OM18-EVN6Q	10m	-----	NPN	M12 连接器	图6

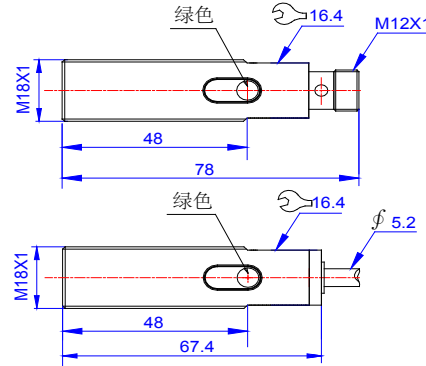
注1)：*M表示线缆长度，单位米，型号中无*M默认线缆长度为2米。

技术参数

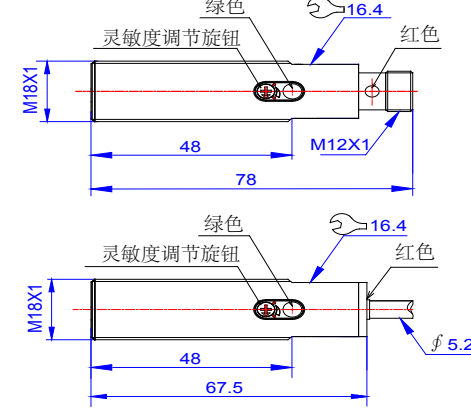
工作电压	10...30VDC	工作温度	-25°C...+60°C
纹波电压	±10% of U _s	环境温度	-40°C...+70°C
光源	红外光	保护电路	短路保护 反极性保护 输出过载保护
输出特性	PNP/NPN		
负载电流	≤200mA	防护等级	IP67
开关频率	100Hz	外壳	铜镀镍
灵敏度调节	旋钮调节	连接方式	*m PVC线缆 /M12连接器

外形尺寸

发射

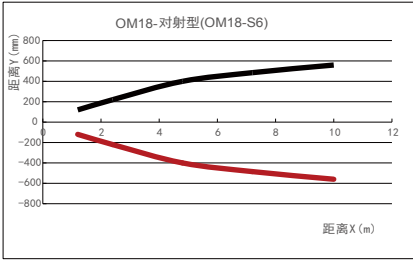


接收



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

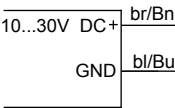


图1

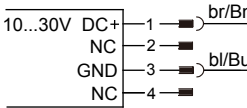


图2

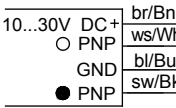


图3

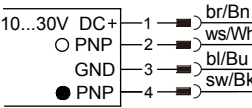


图4

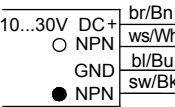


图5

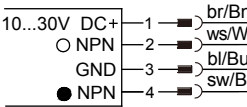


图6

