

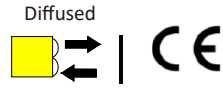
Product Description:

- 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



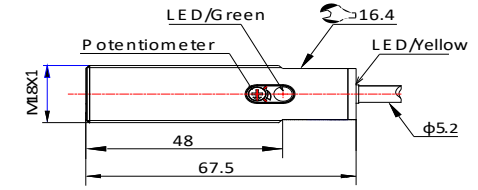
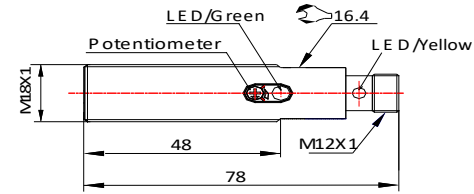
Type	Distance	Beam	Output	Connection	Wiring
OM18-TK100VP6 *M <sup>1)</sup>	100mm	Infrared light	PNP	Cable	Fig.1
OM18-TK100VP6Q	100mm	Infrared light	PNP	Connector	Fig.2
OM18-TK100VN6 *M <sup>1)</sup>	100mm	Infrared light	NPN	Cable	Fig.3
OM18-TK100VN6Q	100mm	Infrared light	NPN	Connector	Fig.4

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.

TECHNICAL SPECIFICATION

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

DIMENSIONS



INDICATORS

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

ELECTRICAL CONNECTION

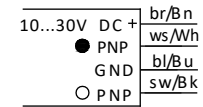


Fig.1

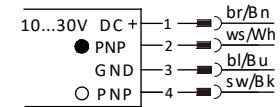


Fig.2

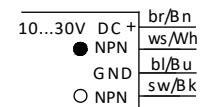


Fig.3

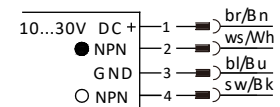
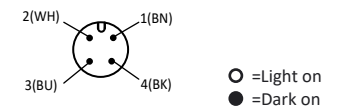


Fig.4



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



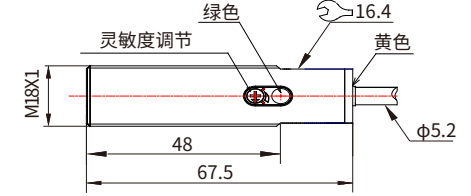
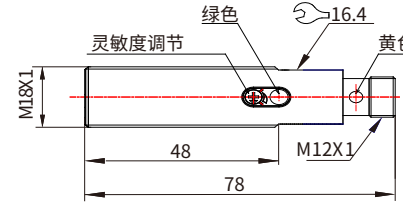
型号	检测距离	光源	输出方式	连接方式	接线图
OM18-TK100VP6 *M <sup>1)</sup>	100mm	红外光	PNP	线缆	图1
OM18-TK100VP6Q	100mm	红外光	PNP	M12 连接器	图2
OM18-TK100VN6 *M <sup>1)</sup>	100mm	红外光	NPN	线缆	图3
OM18-TK100VN6Q	100mm	红外光	NPN	M12 连接器	图4

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。

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	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	铜镀镍
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



操作指示

A	灵敏度调节	
B	稳态指示灯	绿色
C	输出指示灯	黄色

接线图

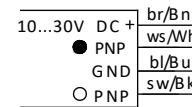


图1

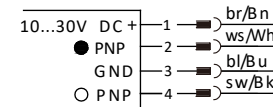


图2

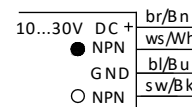


图3

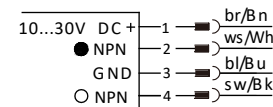
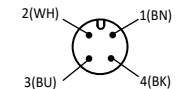


图4



○ =亮通  
● =暗通