

Product Description:

- Square size of 50*50, wide voltage supply, relay output.
- Suitable for garage, warehousing, logistics, crane collision and other applications.

Product features:

- Multiple output modes
- Long detection distance
- Flexible installation method



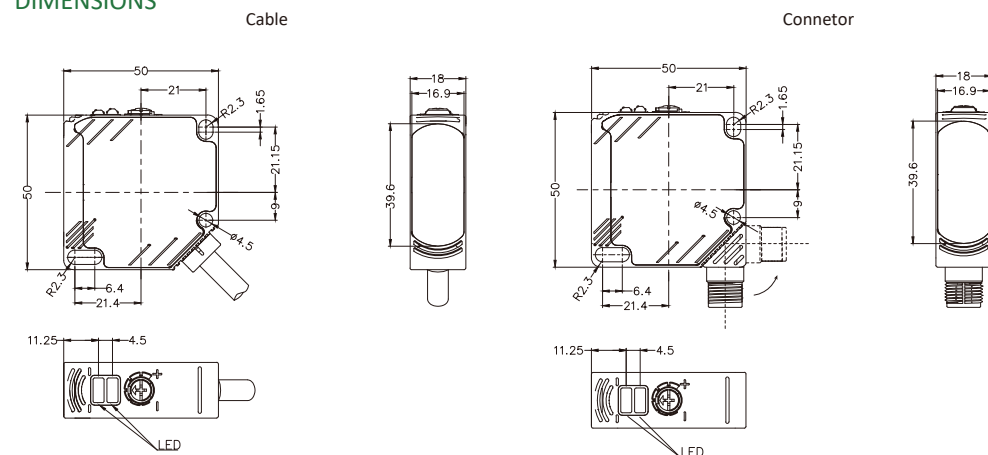
Type	Distance	Beam	Output	Connection	Wiring
OS50-RVP6 *M ¹⁾	10m	Red	PNP	Cable	Fig.1
OS50-RVP6Q	10m	Red	PNP	M12 Connector	Fig.2
OS50-RVN6 *M ¹⁾	10m	Red	NPN	Cable	Fig.3
OS50-RVN6Q	10m	Red	NPN	M12 Connector	Fig.4
OS50-RVR5 *M ¹⁾	10m	Red	Relay	Cable	Fig.5

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 (NPN/PNP) 24...240 V DC/AC (Relay)	AMBIENT TEMPERATURE OPERATION	-25°C...+55°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/Relay	PROTECTION DEGREE	IP67
LOAD CURRENT	≤200mA (NPN/PNP) ≤3A (Relay)	HOUSING MATERIAL	PBT+ABS
SWITCHING FREQUENCY	800Hz (NPN/PNP) 50Hz (Relay)	CONNECTING TYPE	*m PVC cable /M12 connector
ADJUSTMENT OF SENSITIVITY	Knob adjustment		

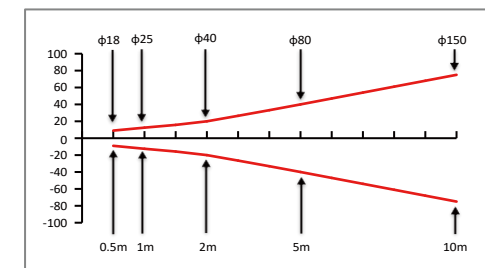
DIMENSIONS



INDICATORS

Sensitivity adjustment knob	
Steady state indicator	Green
Output indicator	Yellow

OS50-R Spot pattern (mm)



ELECTRICAL CONNECTION

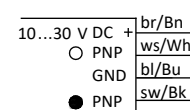


Fig.1

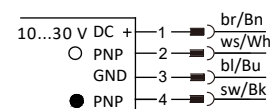


Fig.2

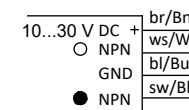


Fig.3

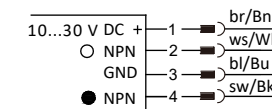


Fig.4

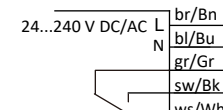
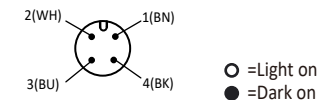


Fig.5



产品说明:

- 方形50*50尺寸, 宽电压供电, 继电器输出。

- 适用车库, 仓储, 物流, 天车防撞等应用。

产品特点:

- 多种输出模式
- 长检测距离
- 灵活的安装方式



型号	检测距离	光源	输出方式	连接方式	接线图
OS50-RVP6 *M ¹⁾	10m	红光	PNP	线缆	图1
OS50-RVP6Q	10m	红光	PNP	M12 连接器	图2
OS50-RVN6 *M ¹⁾	10m	红光	NPN	线缆	图3
OS50-RVN6Q	10m	红光	NPN	M12 连接器	图4
OS50-RVR5 *M ¹⁾	10m	红光	继电器	线缆	图5

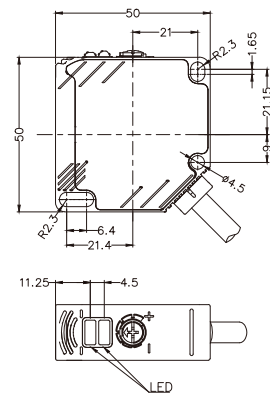
注1): *M表示线缆长度, 单位米, 型号中无*M默认线缆长度为2米。

技术参数

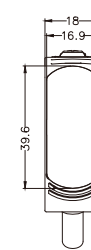
工作电压	10...30 V DC(NPN/PNP) 24...240 V DC/AC(继电器)	工作温度	-25°C...+55°C
纹波电压	±10% of U _s	环境温度	-40°C...+70°C
光源	红光	保护电路	短路保护 反极性保护 输出过载保护
输出特性	NPN/PNP/继电器	防护等级	IP67
负载电流	≤200mA(NPN/PNP) ≤3A(继电器)	外壳	ABS+PBT
开关频率	800Hz(NPN/PNP) 50HZ(继电器)	连接方式	*m PVC线缆 /M12连接器
灵敏度调节	旋钮调节		

外形尺寸

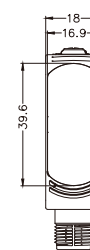
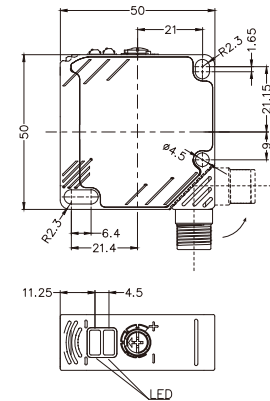
线缆



连接器



连接器



操作指示

灵敏度调节	
稳态指示灯	绿色
输出指示灯	黄色

OS50-R 光斑图(mm)

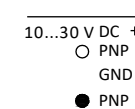
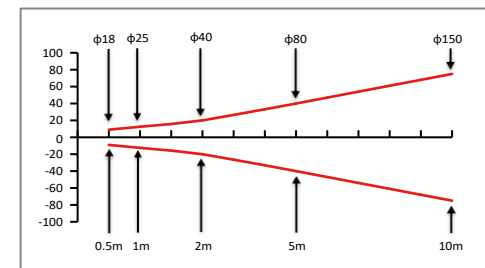


图1

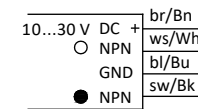


图3

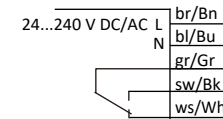


图5

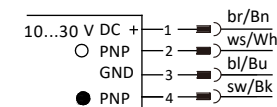


图2

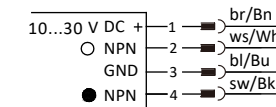
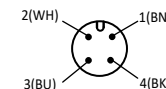


图4



○ = 亮通
● = 暗通