Product Description:

- Compact body,meeting the demand for compact space in industries such as electronics and semiconductors,with fixed distance detection.
- BGS products have excellent black and white attenuation characteristics and can be used for detecting non bright flat objects.

Diffused

Product Features:

- ϕ2mm mounting hole,built-in metal parts,sturdy,long-lasting
- Protection level IP67
- Q8 - Pigtail product, the length of the cable can be customized

Type	Distance	Beam	Output	Connection	Wiring
OS4-K30LN6-0.3-Q8	1...30mm	Red	NPN	*m cable + M8, 4-pin	Fig.1
OS4-K30DN6-0.3-Q8			NPN	*m cable + M8, 4-pin	Fig.2
OS4-K30LP6-0.3-Q8			PNP	*m cable + M8, 4-pin	Fig.3
OS4-K30DP6-0.3-Q8			PNP	*m cable + M8, 4-pin	Fig.4

Note : * refers to the cable length in meters.

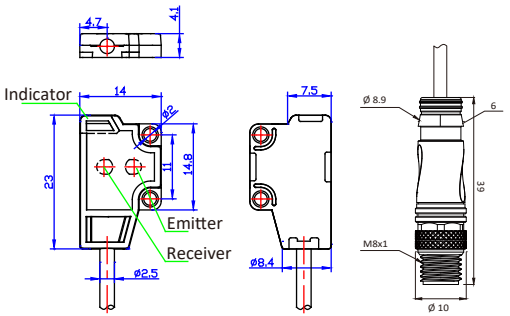
TECHNICAL SPECIFICATION

OPERATING VOLTAGE	10...30 V DC
LIGHT SOURCE TYPE	Red led
OUTPUT CHARACTERISTIC	PNP/NPN
LOAD CURRENT	≤50mA
SWITCHING FREQUENCY	800Hz
CONNECTING TYPE	0.3m cable + M8, 4-pin
HOUSING MATERIAL	PC+PBT

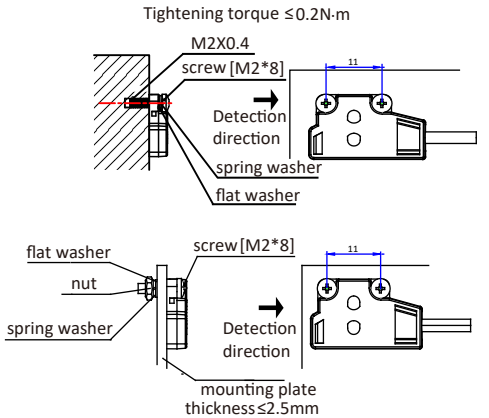
AMBIENT TEMPERATURE OPERATION	-10°C...+55°C
AMBIENT TEMPERATURE STORAGE	-40°C...+70°C
UL TEMPERATURE	50°C
CIRCUIT PROTECTION	Short-circuit protection, reverse polarity protection, over-load protection
PROTECTION DEGREE	IP67

OS4 SERIES PHOTOELECTRIC SENSOR (PIGTAIL-Q8)

DIMENSIONS



INSTALL



INDICATORS

Steady state indicator	Green
Output indicator	Yellow

ELECTRICAL CONNECTION

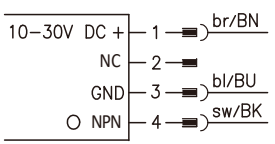


Fig.1

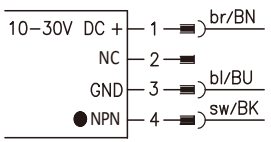


Fig.2

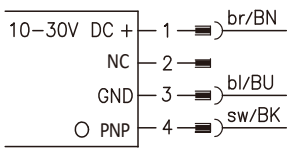


Fig.3

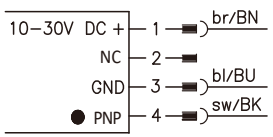
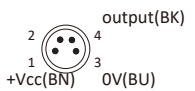


Fig.4



M8 Connector

○ =Light on
● =Dark on

产品说明:

- 小巧机身，满足电子，半导体等行业对紧凑空间的需求，定距离检测。
- BGS产品具有优良的黑白衰减特性，使用与检测非光亮平面物体。

漫反式

产品特点:

- ϕ2mm安装孔，内置金属件，坚固，长寿命
- 防护等级IP67
- Q8 - Pigtail 产品，线缆长度可定制

型号	检测距离	光源	输出方式	连接方式	接线图
OS4-K30LN6-0.3-Q8	1...30mm	红光	NPN	*m线缆 + M8连接器, 4针	图1
OS4-K30DN6-0.3-Q8			NPN	*m线缆 + M8连接器, 4针	图2
OS4-K30LP6-0.3-Q8			PNP	*m线缆 + M8连接器, 4针	图3
OS4-K30DP6-0.3-Q8			PNP	*m线缆 + M8连接器, 4针	图4

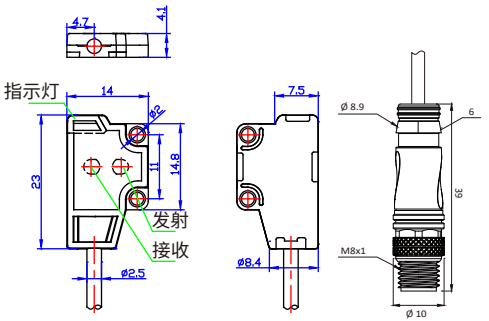
注:*表示线缆长度, 单位米。

技术参数

工作电压	10...30 V DC	**工作温度**	-10°C...+55°C
光源	红光	**环境温度**	-40°C...+70°C
输出特性	PNP/NPN	**UL温度**	50°C
负载电流	≤50mA	**保护电路**	短路保护 反极性保护 输出过载保护
开关频率	800Hz		
连接方式	0.3m线缆 + M8连接器, 4针	**防护等级**	IP67
外壳	PC+PBT		

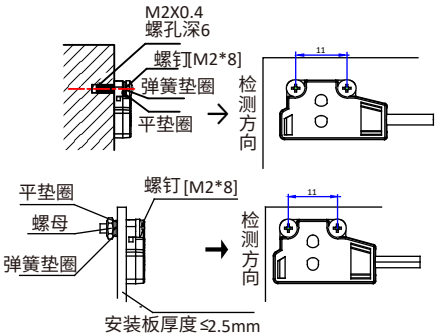
OS4系列光电传感器 (PIGTAIL-Q8)

外形尺寸

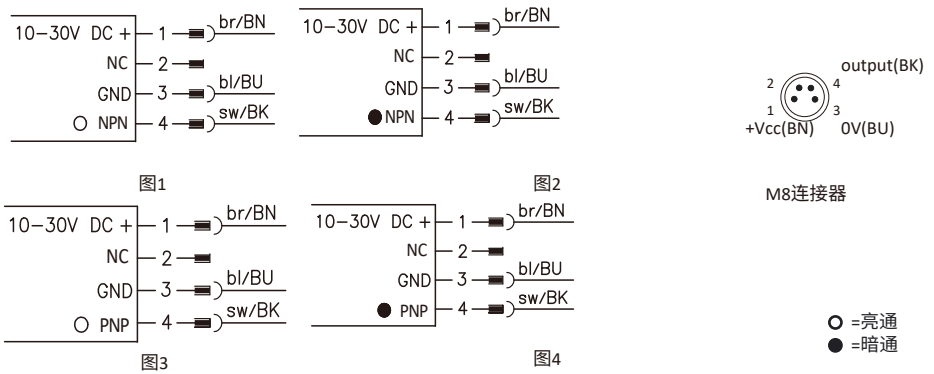


安装

紧固扭矩≤ 0.2N m



操作指示

稳态指示灯	绿色
输出指示灯	黄色

接线图