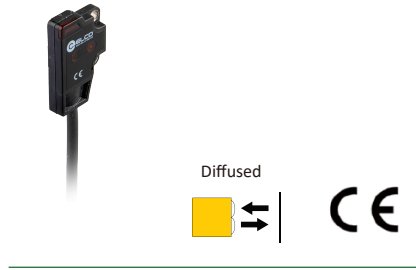


Product Description:

- 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.

Product features:

- $\phi$ 2mm mounting hole, built-in metal parts, sturdy, long-lasting
- Protection level IP67



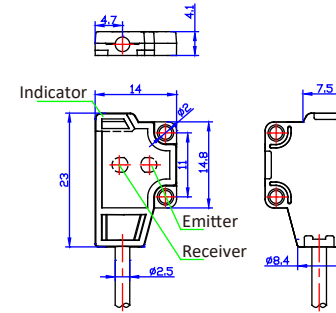
Type	Distance	Beam	Output	Connection	Wiring
OS4-K30LN6 *M <sup>1)</sup>	1...30mm	Red	NPN	Cable	Fig.1
OS4-K30DN6 *M <sup>1)</sup>			NPN	Cable	Fig.2
OS4-K30LP6 *M <sup>1)</sup>			PNP	Cable	Fig.3
OS4-K30DN6 *M <sup>1)</sup>			PNP	Cable	Fig.4

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.

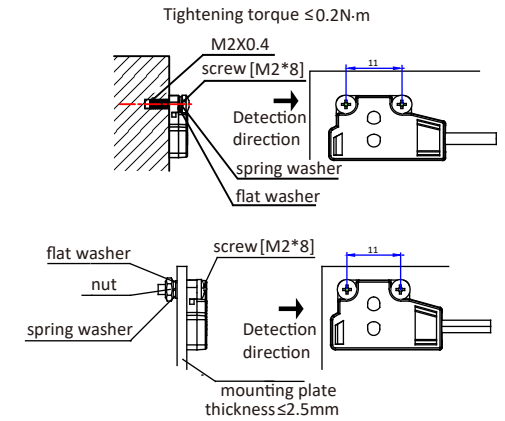
TECHNICAL SPECIFICATION

<b>OPERATING VOLTAGE</b>	10...30 V DC	<b>AMBIENT TEMPERATURE OPERATION</b>	-10°C...+55°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>	Red LED	<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>	≤50mA	<b>HOUSING MATERIAL</b>	PC+PBT
<b>SWITCHING FREQUENCY</b>	800Hz	<b>CONNECTING TYPE</b>	*m PVC cable

DIMENSIONS



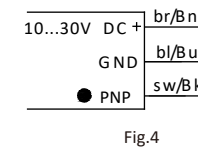
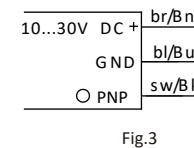
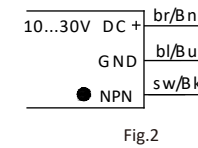
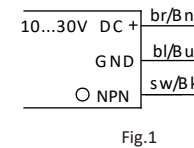
Install



INDICATORS

steady state indicator	Green
Output indicator	Yellow

ELECTRICAL CONNECTION



○ =Light on  
● =Dark on

