Miniature photoelectric sensor **PSV** series



Feature description

- Small size, easy to install and use
- With 360° visible bright LED status indicator
- Superior anti-light interference, stable product performance
- Red light source for easy adjustment and alignment

CE

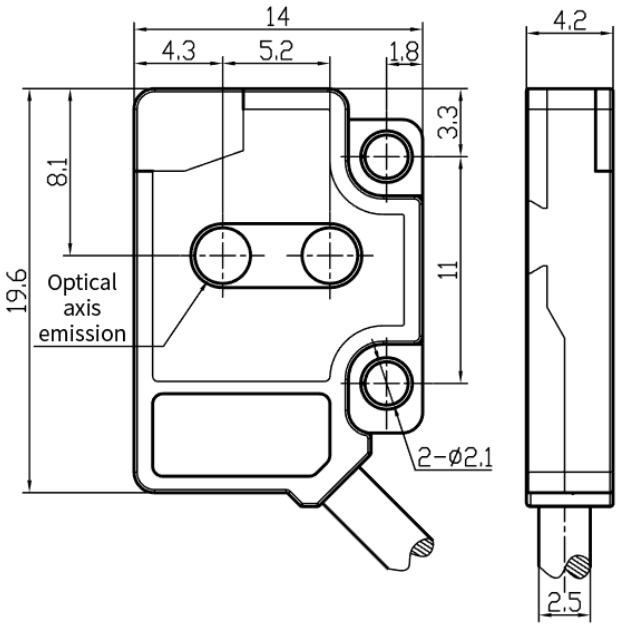
Model specification

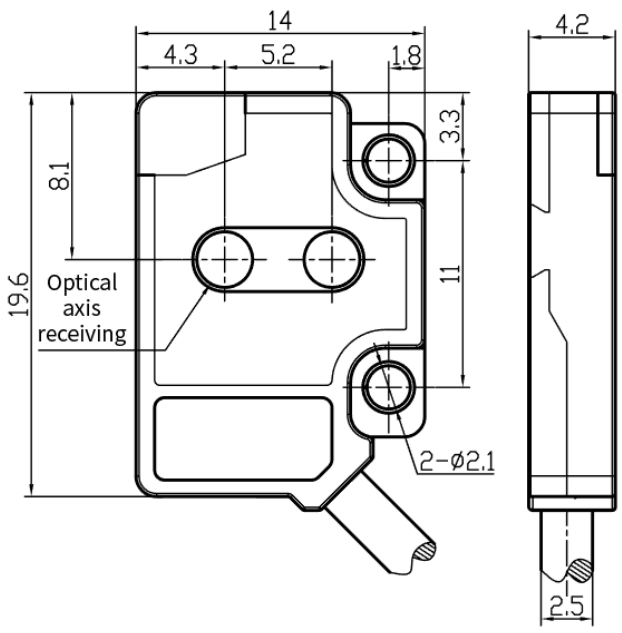
	Emitter	Receiver		Emitter	Receiver
NPN NO	PSV-TM1DR	PSV-TM1DNOR	PNP NO	PSV-TM1DR	PSV-TM1DPOR
NPN NC	PSV-TM1DR	PSV-TM1DNCR	PNP NC	PSV-TM1DR	PSV-TM1DPCR

Specifications

Detection distance	100cm	Response time	<1ms
Standard test body	Φ2mm above opaque objects	Anti ambient light	Sunlight interference ≤10,000 lux
Direction angle	<2°		Incandescent light interference ≤3,000 lux
Light spot size	10*10cm@50cm	Operating temperature	-20...55 ºC
Supply voltage	10...30V DC	Storage temperature	-30...70 ºC
Consumption current	Emitter:≤10mA;Receiver:≤12mA	Protection degree	IP65
Load current	≤50mA	Certification	CE
Voltage drop	<1.5V	Shell material	PC+PBT
Light source	Red light(625nm)	Lens	PC
Protection circuit	Short circuit protection,Polarity protection	Weight	20g
	Overload protection,Zener protection	Connection	2m PVC cable
Indicator	Green:power,stable indicator;Yellow:output indicator	Accessory	Screws(M2×8mm)×2、Nut×2

Dimension

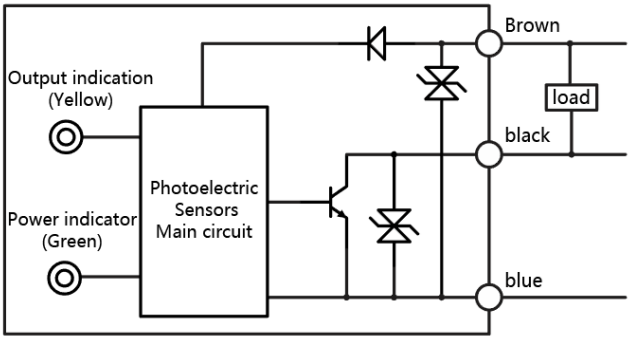




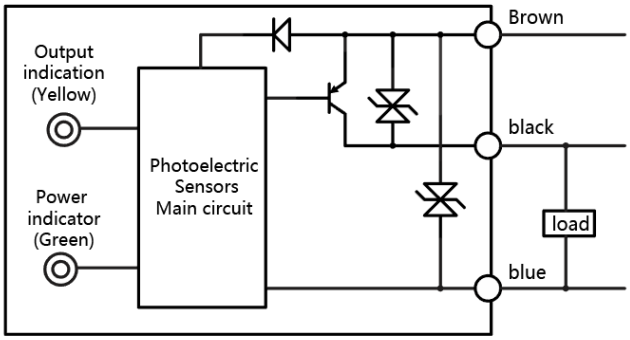
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Wiring diagram

Receiver

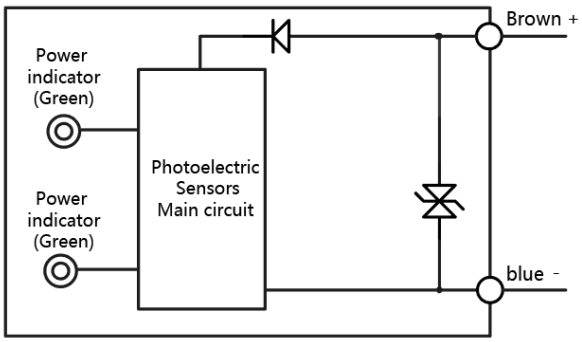


NPN



PNP

Emitter



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