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

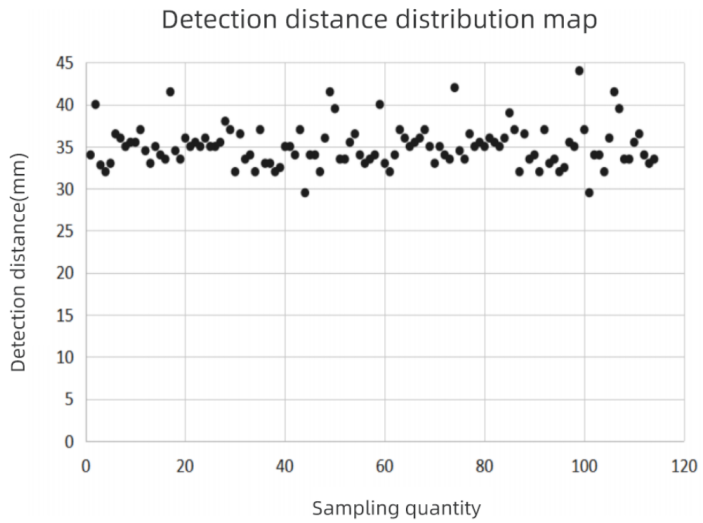
NPN NO	PSV-SR25DNOR	PNP NO	PSV-SR25DPOR
NPN NC	PSV-SR25DNCR	PNP NC	PSV-SR25DPCR

Specifications

Detection distance	25mm①	Response time	T-on:<1ms;T-off:<1ms
Dead zone	<2mm	Anti ambient light	Sunlight interference ≤10,000 lux
Standard test body	0.1mm Copper wire(at the detection distance of 10mm)		Incandescent light interference ≤3,000 lux
Hysteresis	< 20%	Operating temperature	-20...55 ℃
Supply voltage	10...30V DC	Storage temperature	-30...70 ℃
Consumption current	≤15mA	Protection degree	IP65
Load current	≤50mA	Certification	CE
Voltage drop	<1.5V	Shell material	PC+PBT
Light source	Red light(640nm)	Lens	PC
Protection circuit	Short circuit protection,Polarity protection	Weight	22g
	Overload protection,Zener protection	Connection	2m PVC cable
Indicator	Green:power,stable indicator;Yellow:output indicator	Accessory	Screws(M2×8mm)×2、Nut×2

①Measured by 50*50mm white card with reflectance greater than 90%, the following figure is the distance distribution diagram of product sampling

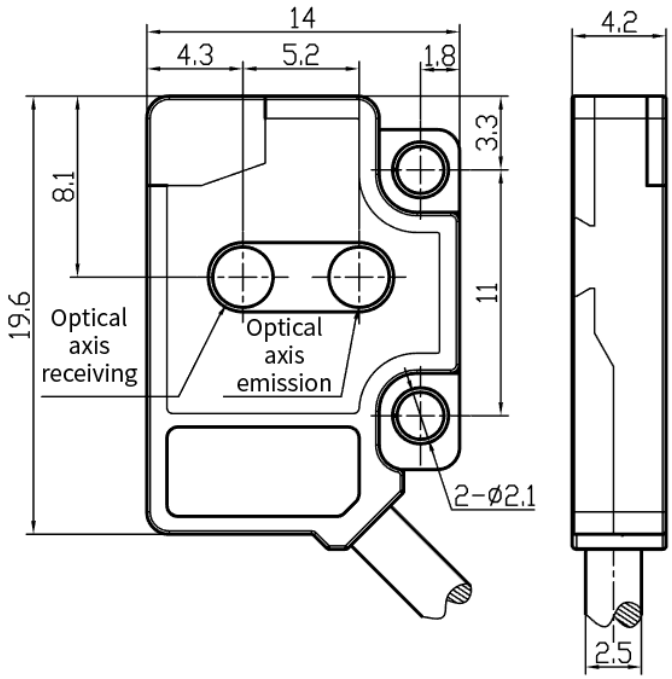
Distance distribution map



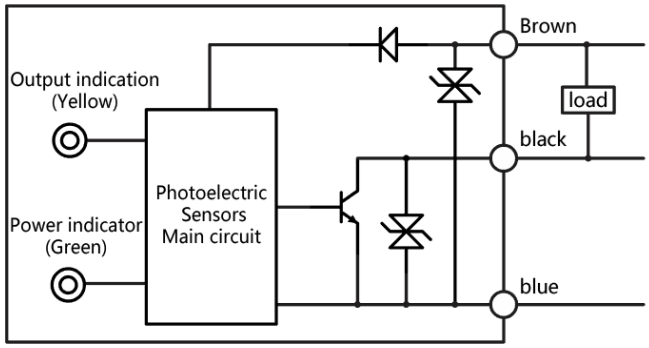
The detection distance in the above distribution diagram is measured by 50*50mm white card with reflectance greater than 90%, and the maximum detection distance of the product is 45mm

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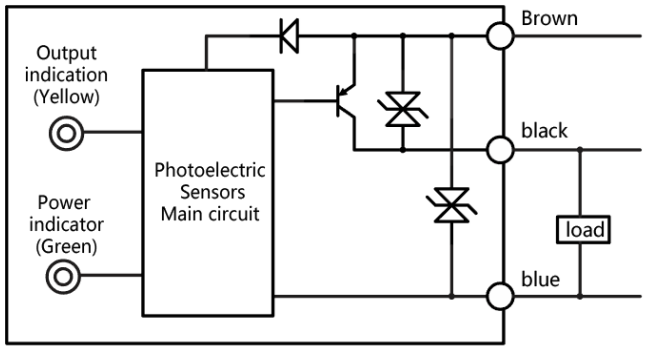
Dimension



Wiring diagram



NPN



PNP