Miniature photoelectric sensor **PST** series



Feature description

- M3 threaded cylindrical installation, small size, easy to install and use
- With 360° visible bright LED status indicator
- Good anti-light interference, high product stability
- Stable detection of small objects

CE

Model specification

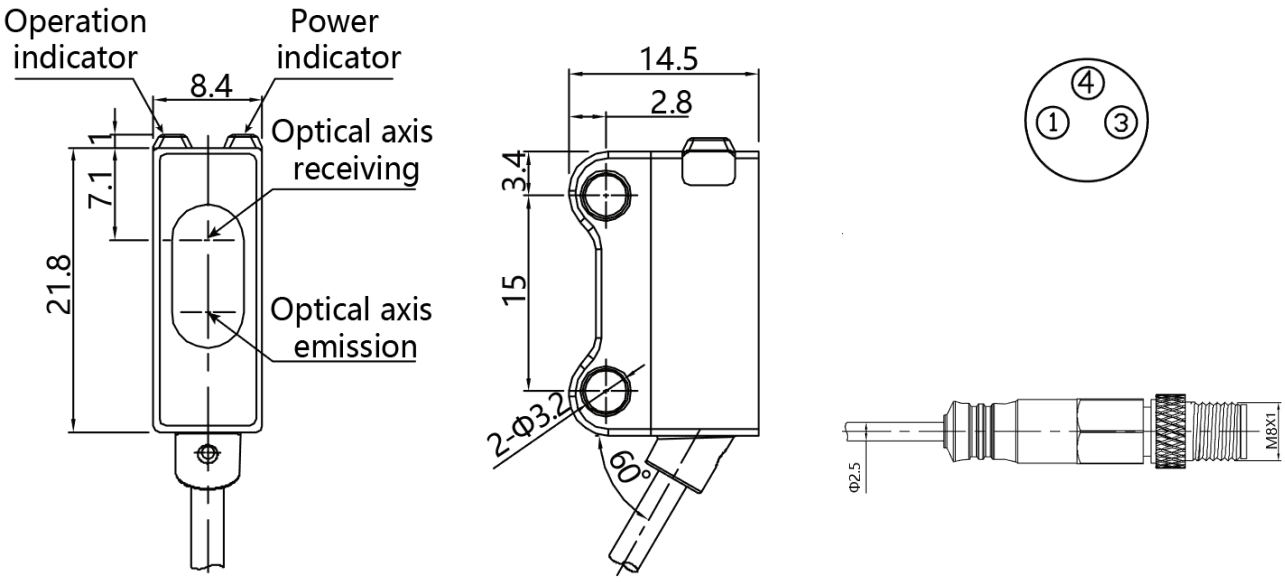
NPN NO	PST-SR25DNOR-F3	PNP NO	PST-SR25DPOR-F3
NPN NC	PST-SR25DNCR-F3	PNP NC	PST-SR25DPCR-F3

Specifications

Sensing distance	2...25mm	Response time	<1ms
Dead zone	<2mm	Anti ambient light	Sunlight interference ≤10,000 lux
Min target	0.1mm copper wire(at the detection distance of 10mm)		Incandescent light interference ≤3,000 lux
Return difference	< 20%	Operation temperature	-20...55 ºC
Supply voltage	10...30VDC	Storage temperature	-30...70 ºc
Consumption current	≤15mA	Protection degree	IP65
Load current	≤50mA	In conformity with standards	CE
Voltage drop	≤1.5V	Shell material	ABS
Light source	Red light(640nm)	Lens	PMMA
Protection circuit	Short circuit,reverse polarity,overload protection	Connection	20cm PVC+M8 connector (3-pins)
Indicator	Green:power supply indicator,stability indication	Accessory	Screws(M3×16mm)×2、Nut×2、Operation manual
	Yellow:output indication		

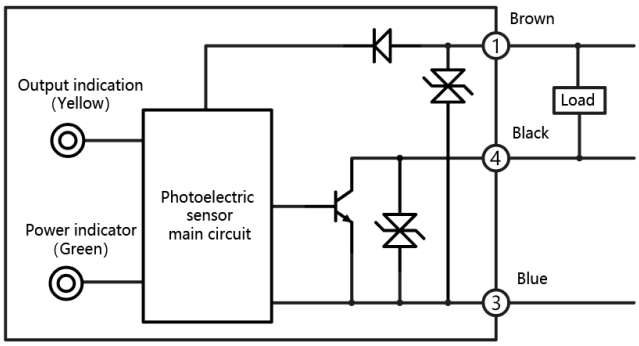
Remark: Use 100*100mm white card whose reflectivity is greater than 90%

Dimension

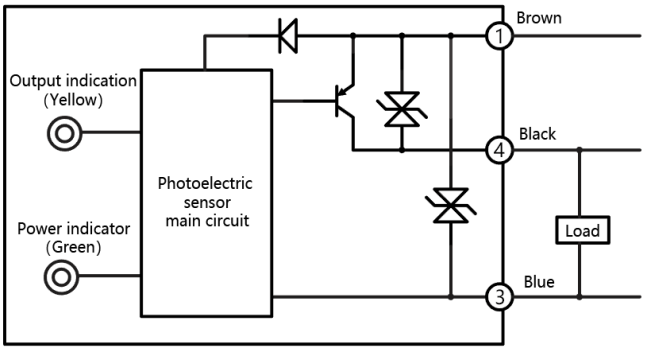


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Wiring diagram



NPN



PNP