

Plastic square photoelectric sensor PSE-SC series



Feature description

- Long-shape light spot design, can stably detect various hole of PCB
- Highlight 360° indicator, easy to identify working conditions
- One-click setting NO/NC, simple and fast
- Small difference between black and white, suitable for detecting target in various colors



Model specification

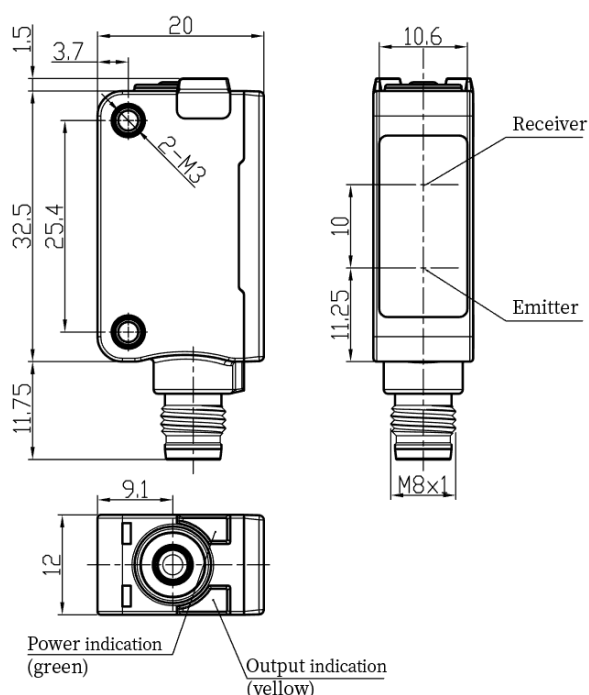
NPN NO/NC	PSE-SC5DNBX-E3	PNP NO/NC	PSE-SC5DPBX-E3
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Specifications

Detection distance	5cm	Protection circuit	Short circuit protection, Polarity protection,
Dead zone	≤5mm ^①		Overload protection
Standard target	100*100mm white cards	Anti-ambient light	Sunlight≤10,000Lux;Incandescent light≤3,000Lux
Light spot size	3*40mm@50mm	Operating temperature	- 25...55 °C(No condensation, No icing)
Color sensitivity	≥80%	Storage temperature	- 30...70 °C
Return difference	< 5% ^①	Protection degree	IP67
Supply voltage	10...30VDC(Ripple P-P: < 10%)	Certification	CE
Consumption current	< 25mA	Shell material	PC+ABS
Load current	200mA	Lens	PMMA
Voltage drop	≤1.5V	Weight	10g
Light source	Red light(640nm)	Connection type	M8 Connector
Response time	0.5ms below	Accessory	Mounting Bracket ZJP-8, Operation manual
Indicator	Green:Power indication;Yellow:output indication		

①Use 100*100mm 90% reflectivity white card;Room temperature 25°C.

Dimensions



Wiring diagram

