

## 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

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Model specification				
NPN NO/NC	PSE-SC5DNBX	PNP NO/NC	PSE-SC5DPBX	

Specifications				
Detection distance	5cm	Protection circuit	Short circuit protection、Polarity protection、	
Dead zone	≤5mm <sup>®</sup>		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	- 2555 °C(No condensation、No icing)	
Color sensitivity	≥80%	Storage temperature	- 3070 °C	
Return difference	< 5%®	Protection degree	IP67	
Supply voltage	1030VDC(Ripple P-P: < 10%)	Certification	CE	
Consumption current	< 25mA	Shell material	PC+ABS	
Load current	200mA	Lens	PMMA	
Voltage drop	≤1.5V	Weight	50g	
Light source	Red light(640nm)	Connection type	2m PVC Cable	
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** 

(green)

## Receiver SCE SCE SCE SCE Power indication Power indication

Output indication

## Wiring diagram

