

Plastic square shape photoelectric sensors **PSC** series



Features

- ◆ Emitter and receiver built in one housing, sensing distance adjustable
- ◆ Special optic design, regardless background;
- ◆ Super anti-interference to ambient light;

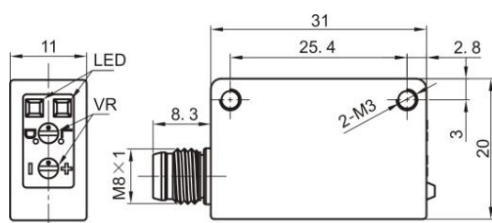
Part number

NPN NO/NC	PSC-YC35TNBR-E1	PNP NO/NC	PSC-YC35TPBR-E1
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Technical specifications

Detection type	Background suppression	Consumption current	≤15mA
Rated distance [Sn]	35cm (adjustable)	Circuit protection	Short-circuit, overload and reverse polarity
Standard target	Reflection rate: White 90%	Response time	< 2ms
Light source	Black:10%Red LED (650nm)	Output indicator	Yellow LED
Dimensions	31 mm *20 mm *11mm	Ambient temperature	-25°C...+55°C
Output	NO/NC (select by L/D potentiometer)	Ambient humidity	35-85%RH (non-condensing)
Supply voltage	12...24 VDC	Voltage withstand	1000V/AC 50/60Hz 60s
WH&BK color variation	≤10%	Insulation resistance	≥50MΩ(500VDC)
Hysteresis range [%/Sr]	≤20%	Vibration resistance	10...50Hz (0.5mm)
Repeat accuracy [R]	≤3%	Degree of protection	IP67
Load current	≤100mA	Housing material	PC/ABS
Residual voltage	≤2.5V	Connection type	M8 Connector

Dimensions



Wiring diagram

