



Model: PSS-YC10DNBR

Features

- 18mm threaded cylindrical mounting for easy installation;
- Short case for small installation space;
- IP67 protection, suitable for harsh environments
- With 360° visible bright LED status indicator;
- Background suppression type, stable detection for both white and black targets;

Part Number

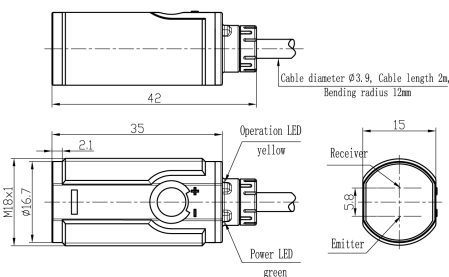
NPN NO/NC	PSS-YC10DNBR	PNP NO/NC	PSS-YC10DPBR
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Technical Specifications

Detection type	Background suppression	Indicator	Green LED: power, stable Yellow LED: output, short circuit or overload
Detection distance	10cm (unadjustable)	Anti-ambient light	Anti-sunlight interference $\leq 10,000\text{lux}$; Incandescent light interference $\leq 3,000\text{lux}$
Light source	Red light (660nm)	Operating temperature	-20...55 °C
Spot size	8*8mm@10cm	Storage temperature	-35...70 °C
Output	NPN NO/NC or PNP NO/NC	Protection degree	IP67
Hysteresis	$\leq 5\%$	Certification	CE
Response time	$\leq 0.5\text{ms}$	Material	Housing: PC+ABS; Filter: PMMA
Supply voltage	10...30 VDC	Connection	2m PVC cable
Consumption current	$\leq 20\text{mA}$	Annex	M18 nut (2PCS), instruction manual
Load current	$\leq 100\text{mA}$	Circuit protection	Short-circuit, overload, reverse polarity protection
Voltage drop	$\leq 1.8\text{V}$	NO/NC adjustment	White wire is connected to the positive pole or hang up, NO mode; White wire is connected to the negative pole, NC mode

Remarks: 1. Detection object is 90% white card with size 20cm * 20cm;
2. The green LED becomes weaker, which means that the signal is weaker and the sensor is unstable; The yellow LED flashes, which means that the sensor is shorted or overloaded;

Dimensions



Wiring Diagram

