



Model: PSE-CC100DPB-E3

Features

Universal housing, an ideal replacement for a wide range of sensor types;

IP67, suitable for harsh environments;

One-key distance setting, accurate and fast setting

Using TOF principle, the difference between black and white of the product is small, and the detection is stable

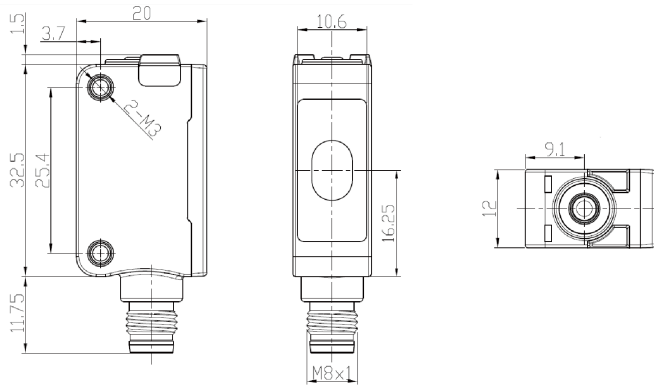
Model Specification

NPN NO/NC	PSE-CC100DNB-E3	PNP NO/NC	PSE-CC100DPB-E3
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Technical Specifications

Detection range	0.5...100cm	Indicator	Green light: power; Yellow light: output
Adjustment range	8...100cm	Anti-ambient light	Sunshine $\leq 10\ 000\text{Lx}$, Incandescent $\leq 3\ 000\text{Lx}$,
Output type	NPN NO/NC or PNP NO/NC		Fluorescent lamp $\leq 1000\text{Lx}$
Hysteresis	3...20%	Operating temperature	-20°C...55 °C
Supply voltage	10...30VDC	Storage temperature	-25°C...70 °C
Consumption current	$\leq 20\text{mA}$	Protection degree	IP67
Load current	$\leq 100\text{mA}$	Certification	CE
Voltage drop	$\leq 1.5\text{V}$	Material	Housing: PC+ABS; Filter: PMMA
Adjustment method	Button adjustment	Weight	50g
Light source	Infrared laser(940nm)	Connection	M8 4-pin connector
Light spot size	$\phi 120\text{mm}@100\text{cm}$	Accessory	Mounting bracket ZJP-8
Response time	$\leq 100\text{ms}$		
Circuit protection	Short circuit protection, overload protection, reverse polarity protection,Zener protection		
NO/NC adjustment	Press the button for 5...8s, when the yellow and green light flash synchronously at 2Hz, and lift. Finish state switch		
Distance adjustment	Press the button for 2...5s, when the yellow and green light flash synchronously at 4Hz, and lift to finish the distance setting.		
	If the yellow and green lights flash asynchronously at 8Hz for 3s, and the setting fails.		

Dimensions



Circuit Diagram

