

PZ-V72

Square Reflective M8 Connector Type, NPN

*Please note that accessories depicted in the image are for illustrative purposes only and may not be included with the product.

Specifications

Model		PZ-V72
Type		Multi reflective model (M8 connector cable type)
Output		NPN
Detecting distance		20 to 900 mm 0.79" x 35.43" (300 x 300 mm 11.81" x 11.81" white mat paper)*1
Setting distance		150 to 900 mm5.91" x 35.43" (300 x 300 mm11.81" x 11.81"white mat paper)
Light source.		Infrared LED
Sensitivity adjustment		Automatic push button
Response time		1 ms max.
Operation mode		LIGHT-ON/DARK-ON (switch-selectable)
Indicator lamp		Output: orange LED, stable operation: green LED
Control output		100 mA (40 V) max.Residual voltage: 1 V max.
Digital monitor		7-segment, 3-digit red LED
Protection circuit		Reversed polarity, overcurrent protection, surge absorber
Rating	Power voltage	12 to 24 VDC ±10 %, Ripple (P-P) 10 % or less
	Power consumption	45 mA or less
Environmental resistance	Enclosure rating	IP67
	Ambient light	Incandescent lamp: 5,000 lux max., Sunlight: 20,000 lux max.
	Ambient temperature	-20 to +55 °C -4 to 131 °F (No freezing)
	Relative humidity	35 to 85 % RH (No condensation)
	Vibration resistance	10 to 55 Hz, Double amplitude 1.5 mm 0.06", 2 hours in each of the X, Y, and Z directions
	Shock resistance	1,000 m/s², 6 times in each of the X, Y, and Z directions
Case material		Glass-fiber reinforced plastic
Weight		Approx. 30 g

*1 The detecting distance is obtained with the maximum sensitivity.

Dimensions

* Download CAD file or product manual for larger image/text and more detail.

