



PZ-V73P

Square Reflective M12 Connector Type, PNP



SPECIFICATIONS

Model	PZ-V73P	
Type	Multi reflective model (M12 connector cable type)	
Output	PNP	
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 mm 5.91" x 35.43" (300 x 300 mm 11.81" 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	Maximum PNP open-collector output: 100 mA (26.4 V or less), residual voltage: 1 V or less	
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/s ² , 6 times in each of the X, Y, and Z directions
Case material	Glass-fiber reinforced plastic	
Weight	Approx. 40 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.

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