

# PZ-V73

Square Reflective M12 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-V73 |
| Type | | Multi reflective model (M12 connector cable type) |
| Output | | NPN |
| Detecting distance | | 20 to 900 mm<br>0.79" x 35.43"<br>(300 x 300 mm<br>11.81" x 11.81"<br>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. 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.

