

# PZ-M52P

Square Transmissive M8 Connector Type, PNP

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

## Specifications

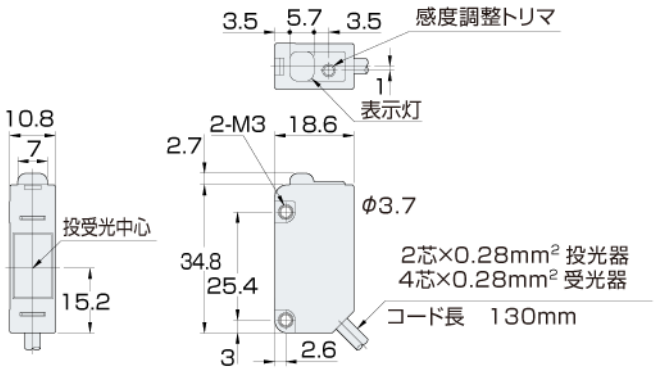
| | | |
|---|---|---|
| Model | | PZ-M52P |
| Type | | Thrubeam model (M8 connector cable type) |
| Output | | PNP |
| Detecting distance | | 10m*1 |
| Setting distance | | — |
| Light source. | | Red LED |
| Sensitivity adjustment | | 1-turn trimmer (230°) |
| Response time | | 1.5 ms max. |
| Operation 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 | | — |
| Protection circuit | | Reversed polarity, overcurrent protection, surge absorber |
| Rating | Power voltage | 12 to 24 VDC ±10 %, Ripple (P-P) 10 % or less |
| | Power consumption | T: 24 mA max. , R: 27 mA max. |
| 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 | | Transmitter and receiver: Approx. 30 g |

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

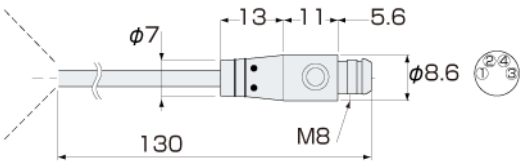
# Dimensions

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

## pz_m52p_dimension_01.gif




## pz_m52p_dimension_02.gif




| ピン番号 | PZ-M52(投光器) | その他 |
|---|---|---|
| 1 | 12–24V DC | 12–24V DC |
| 2 | – | L.ON/D.ON切換 |
| 3 | 0V | 0V |
| 4 | – | 出力 |