

PZ-M53P

Square Transmissive M12 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

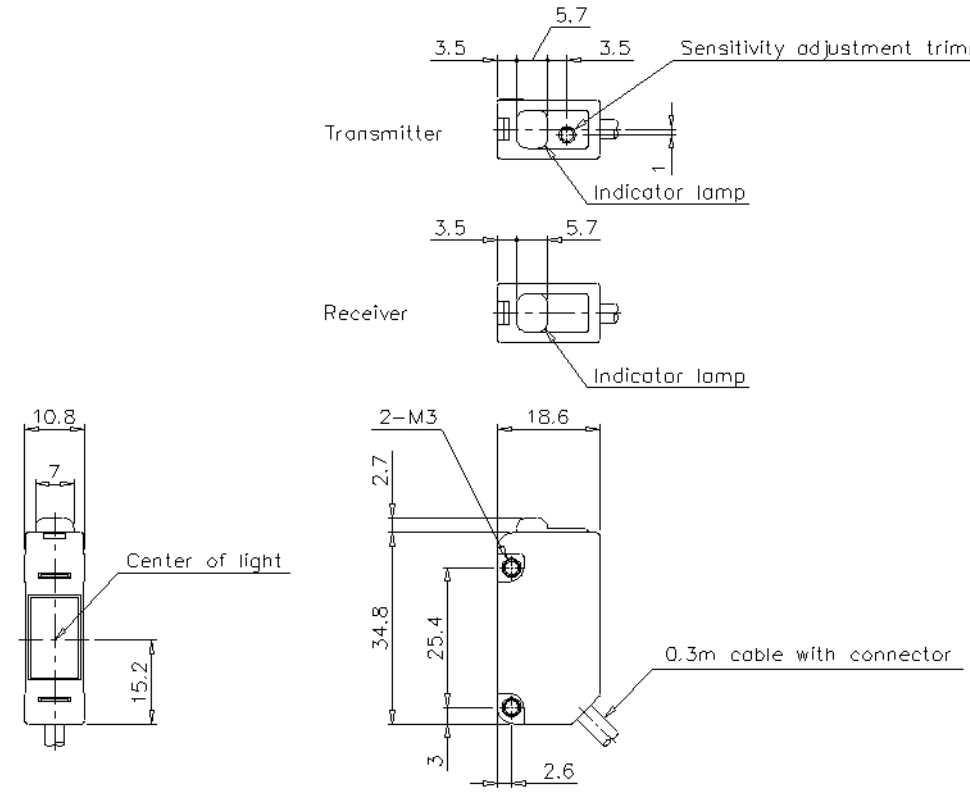
Model		PZ-M53P
Type		Thrubeam model (M12 connector cable type)
Output		PNP
Detecting distance		10m*1
Setting distance		—
Light source.		Red LED
Sensitivity adjustment		1-turn trimmer (230°)
Response time		1.5 ms max.
Operation mode		LIGHT-ON/DARK-ON (switch-selectable)
Indicator lamp		Output: orange 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		T: Approx. 50 g, R: Approx. 50 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-M53



Detail of cable + connector

