



PZ-M51P

Square Transmissive Cable Type, PNP



SPECIFICATIONS

Model		PZ-M51P
Type		Thrubeam
Output		PNP
Detecting distance		10 m ^{*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 and power: Orange LED, Stable operation: Green LED ^{*2}
Control output		100 mA (24 V) max., Residual voltage: 1 V max.
Digital monitor		-
Protection circuit		Reversed polarity, overcurrent protection, surge absorber
Rating	Power voltage	12 to 24 VDC $\pm 10\%$, 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 (No freezing)
	Relative humidity	35 to 85 % RH (No condensation)
	Vibration resistance	10 to 55 Hz, Double amplitude 1.5 mm, 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-fibre reinforced plastic
Accessories		—
Weight		T: Approx. 50 g, R: Approx. 50 g (including 2-m cable)

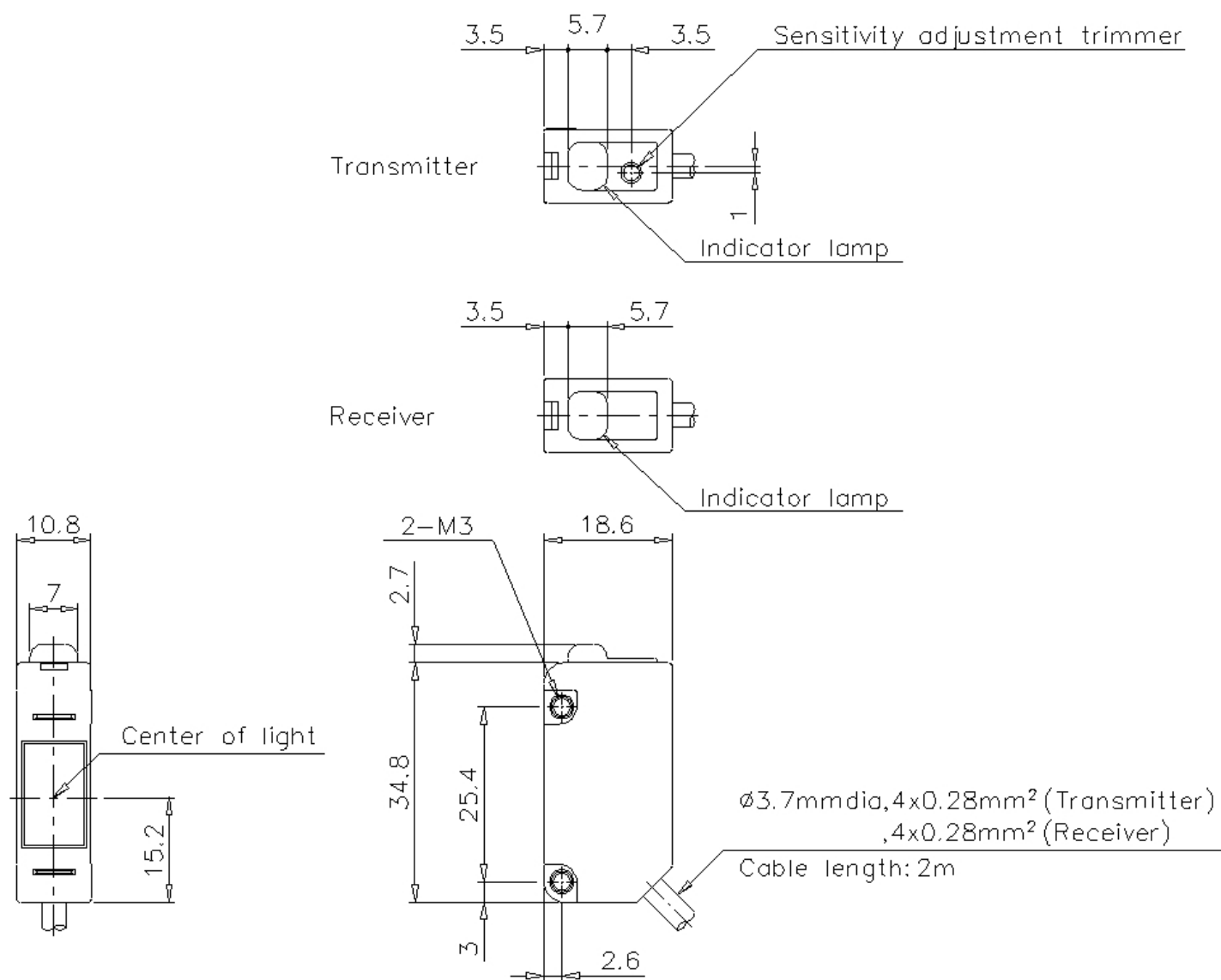
^{*1} The detecting distance is obtained with the maximum sensitivity.

^{*2} The transmitter of the PZ-M51 features a power indicator only.

Dimensions

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

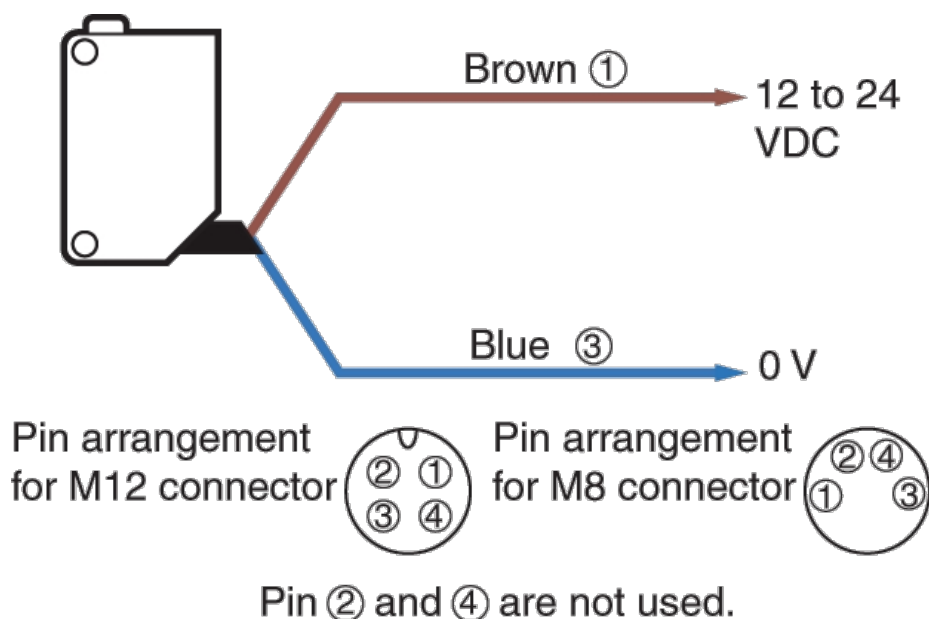
PZ-M51



I/O Circuit Connection diagram

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

(Transmitter)



(Transmitter)

