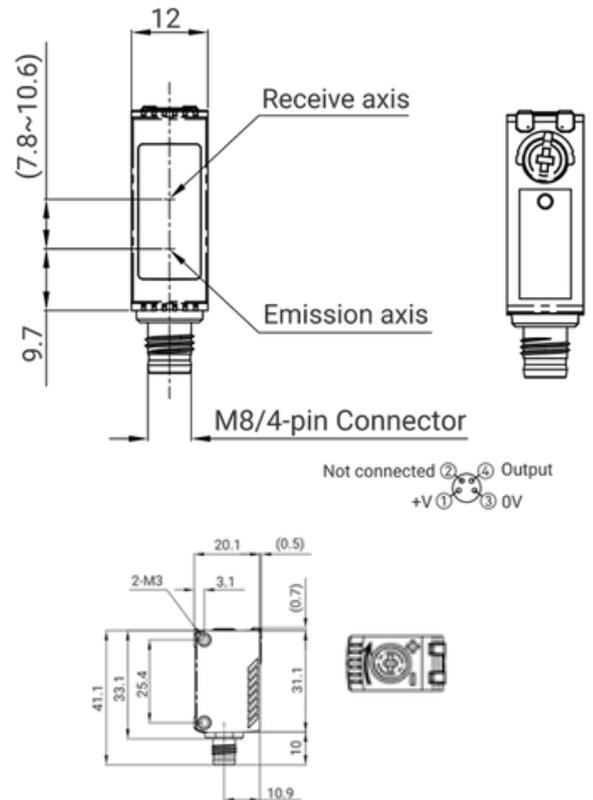


VTPE/M300-PE

Photoelectric Sensor

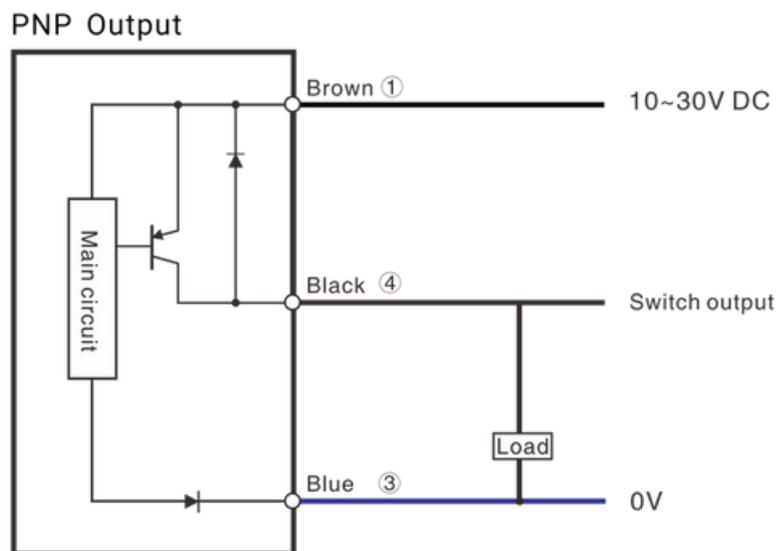


Working principle	Photoelectric sensor
Housing style	Square
Optical working principle	Background suppression diffuse reflection
Detection Range	5~300mm
Set distance	25~300mm
Spot Size	ø8mm/300mm
Light Source	Red Light (660nm)

Technical data

Indicator light	Operation: Green; Output: Red
Sensitivity Adjustment	6-turn potentiometer
Switch Mode	L.on (Light On)/D.on (Dark On) switchable
Output Mode	PNP open-collector type selectable
Response Time	1ms
Switching frequency	500Hz
Repeatability	0.05
Hysteresis	0.05
Operating Voltage	10~30V DC±10%
IP Rating	IP67
Current consumed	≤20mA
Residual Voltage	<1.5V
Load Current	≤100mA
Insulation Resistance	≥20MΩ/500V DC
Withstand Voltage	1000V AC, 50/60Hz, 1 minute
Connection Method	M8/4-pin connector
Dimensions	31.0x20.0x11.0mm
Material	Housing: PC+ABS; Lens: PMMA
Weight	10g
Accessories	Screws, bracket, screwdriver

Connecting Diagram



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