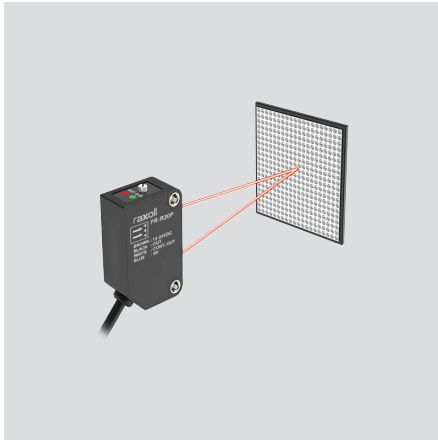


PR-R20

Retro-Reflective Photoelectric Sensor for Transparent Objects



- High stability, unique interference light avoidance algorithm.
- Visible red LED light source, easy to install and debug.
- Built in photoelectric sensor chip.
- Fast speed and strong anti-interference.
- High stable performance.

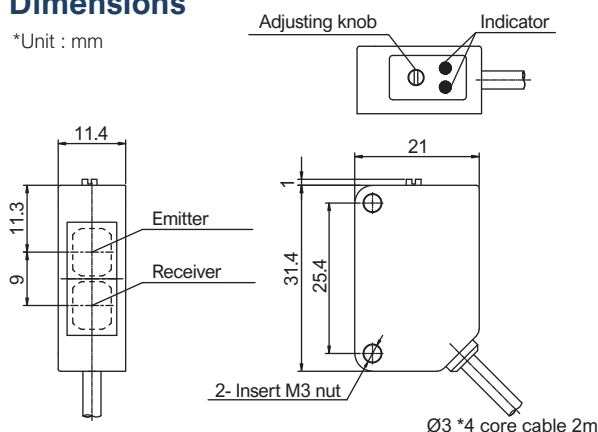


Technical Specifications

Power Source Voltage	12-24VDC±10%including a ripple
Current Consumption	Max. 20mA
Control Output	PNP/NPN Open controller transistor, Maximum load current: 100mA Residual voltage: 1V or less
Response Time	Max. 2.5ms
Sensing Distance	1500mm
Output Method	Light ON / Dark ON Selectable output
Light Source	Red LED (660nm)
Indicator Light / Display	Out: Red / Power: Green
Sensitivity Setting	One turn of knob adjustable (230°)
Operating Temperature / Humidity	-10~+50C° / 35~85%RH (No freezing and No condensation)
Storage Temperature / Humidity	-20~+60C° / 35~85%RH (No freezing and No condensation)
Vibration Resistance	10~55Hz Amplitude 1.5mm 2 hours for each direction of X,Y and Z
Shock Resistance	500 m/s ² , each 3 times for X/Y/Z axis
Circuit Protection	Reverse electrode protection, Over current and over voltage protection
Protective Category	IP67
Material	PC
Connection Type	2m Cable

Dimensions

*Unit : mm



Model Selection

PR-R20P	PNP
PR-R20N	NPN