

RS62 SERIES

RS62 Series

Image



Series Description

Multi-voltage Photoelectric Sensor

- 12-240 VDC or 24-240 VAC
- SPDT Relay Models
- Accurate Detection

Modes

Through Beam

Retroreflective

Diffuse

Ranges

10...30m

5...7m

700mm

Through-beam

Diffuse

Retroreflective

Retroreflective with Polarizing Filter

Operating Range

30m (98.4 ft.)

700mm (27.56 in.)

7m (22.9 ft.)

5m (16.4 ft.)

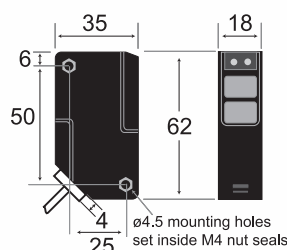
Part Numbers

Emitter	RS62-T030MD-EY9C2L2			
SPDT Relay (Light On)	RS62-T030MR-LY9C5L2	RS62-D0700R-LY9C5L5	RS62-L7000R-LY9C5L5	RS62-L5000R-LY6C5L5-PF
SPDT Relay (Dark On)	RS62-T030MR-DY9C5L2	RS62-D0700R-DY9C5L5	RS62-L7000R-DY9C5L5	RS62-L5000R-DY6C5L5-PF

Technical Data

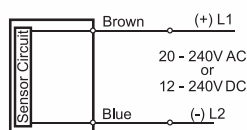
Power Supply	12...240 VDC or 24-240 VAC \pm 10%
Current Consumption	2 VA max.
Light Emission	Infrared (Through-beam, Diffuse & Retroreflective) or Modulated Red LED (Polarized Retroreflective)
Setting	Continuously variable adjuster (except for long range through-beam and retroreflective models)
Indicator LEDs	Red LED: Operation Indicator, Green LED: Stability Indicator
Output (Relay contact 1c)	<p>* Switching capacity: 250 VAC 1A (resistive load) 30 VDC 2A (resistive load)</p> <p>* Electrical life: 100,000 or more operations (at rated AC load) 50,000 or more operations (at rated DC load)</p> <p>* Mechanical life: 100,000 or more operations</p>
Response Time	10 ms max.
Switching Frequency	10 Hz max.
Connection	2 meter cable
Mechanical Protection	IP66
Housing Material	Housing: ABS, Lens: Polycarbonate
Operating Temp.	-20...+55°C (-4...+131°F)
Reference Standard	EN 60947-5-2

Dimensions

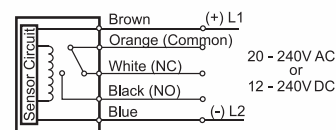


Connections

Wires



Emitter



Receiver & All Others