

RADSENZ

RDZ2201RS

Description

The RDZ2201RS is a radar sensor for demanding industrial applications. It has a high resistance to shock, water and heat. The operating temperature range is -20°C – +60-65°C. The sensor is IP67 classified.

The device is easy to set up and configure with an internal web interface and provides output through a relay signal to the application.

Overview

- Working range: 0.3 – 10m.
- Opening angle 6°.
- Operating temperature range -20°C – +65°C.
- Detects objects in specific zone.
- Digital output to external (PLC) systems.
- Suitable for distance measurements of all kinds.
- Level measurments.



Technical data

Measurement performance

Measurement Range 0.3 – 10m

Resolution 0.1m

Accuracy 0.0008m

Response Time Detection 39ms

Update Frequency 25Hz

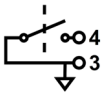
Interface

2.4GHz Wireless Lan Sensor Configuration, Data Visualization

Digital Output

SSR NO

(Solid State Relay, Normally Open)



Environment

Storage Temperature Range -40°C - +65°C

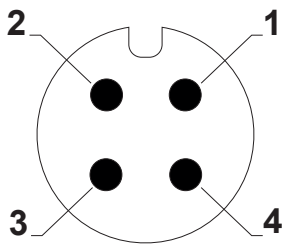
Operation Temperature Range -20°C - +65°C

Technical data

Mechanical and electrical details

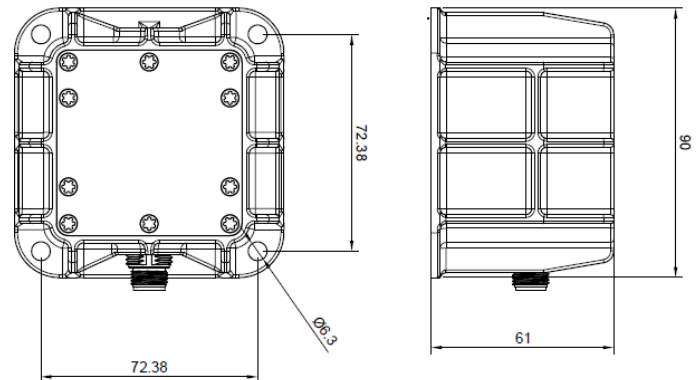
Voltage Supply	DC 10 - 24V
Power Consumption	2.5W
Casing	Plastic
Connection Type	M12 4-pin A-code
Indication	Multicolor LED
Weight	250g
Dimensions	90x90x61mm
Mounting	M6 screws
IP Rating	IP67

Connection diagram

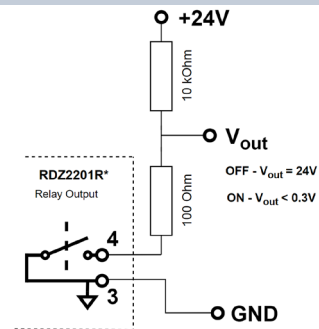


1.	Vin
2.	NC (not connected)
3.	GND
4.	Relay

Dimension drawing



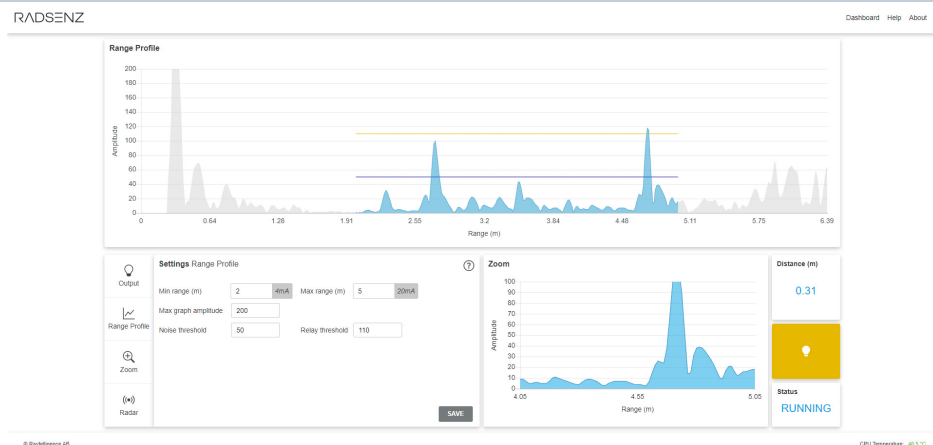
Relay



	Max	Typical
V_{relay}	40 V _{DC} (max 0.4 W)	
I	0.2 A _{DC} (max 0.4 W)	
R_{relay}	10 Ohm	1 Ohm

Solid state relay - UL1577 Approved

Graphical interface



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If you have any questions or ideas for our product that might improve your business, do not hesitate to reach out to us directly at info@raytelligence.com.

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