



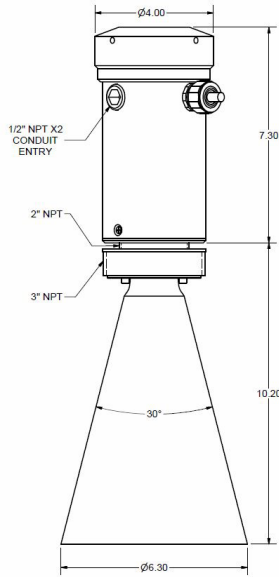
Sensing Solutions since 1959

R4 Series Technical Data Sheet

Radar Level Sensors



R4-100R2R6



Applications

- Dual frequency continuous level measurement over larger ranges of liquids containing sludge, biomass, dust, foam and coatings
- Also used for open channel flow and uneven, dusty solids such as gravel and aggregates
- 6.3 GHz and 26 GHz options
- 33, 50 and 100 ft range options

Custom Solutions

At times, OEMs, end users or military specifiers require a customized solution or sample product to test. Madison Company can design, manufacture and ship a custom switch or sensor in just six business days. Simply communicate the quantity and requirements to our technical sales staff. We will quote the product to establish budget and ROI. Following the quote approval, Madison engineers will design the switch or sensor that satisfies the application specifications, and provide proof of concept. Upon approval, we will build and ship the product or sample.

Related Products



R4-50R2R6



R4-50R2R6

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Madison Company, Inc.
27 Business Park Drive
Branford, CT 06405

203-488-4477 or 800-466-5383
info@madisonco.com
www.madisonco.com



R4 Series Technical Data Sheet

Radar Level Sensors

Radar Level Sensor Specifications										
Model	Accuracy	Approvals	Frequency	Input Voltage	Max. Pressure	Max. Temp	Mounting	Output	Sensing Range	Type
R4-100R2R6	±0.25% of Full Scale	FCC, FM, CSA	6.3 GHz & 26 GHz	115 VAC	72.5 PSI	-40 to 140°F (-40 to 60°C)	2" NPT Pipe Plug	4-20 mA	100' (30.5 m)	Radar Level Sensor
R4-33R2R6	±0.25% of Full Scale	FCC, FM, CSA	6.3 GHz & 26 GHz	115 VAC	72.5 PSI	-40 to 140°F (-40 to 60°C)	2" NPT Pipe Plug	4-20 mA	33' (10 m)	Radar Level Sensor
R4-50R2R6	±0.25% of Full Scale	FCC, FM, CSA	6.3 GHz & 26 GHz	115 VAC	72.5 PSI	-40 to 140°F (-40 to 60°C)	2" NPT Pipe Plug	4-20 mA	50' (15.2 m)	Radar Level Sensor

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