Non-Contact Radar Level Sensors for
Sanitary / Hygienic Applications | R-SAN

The R-SAN pulse radar level sensor is the ideal solution for hygienic liquid, slurry or solid level applications with vapours, gases, foaming or volatile surfaces.

Features

- Food Grade Teflon antenna with 2″ tri-clamp mounting
- Withstands clean-in-place (CIP) processes up to 204°C (400°F)
- Maintenance-free, non-contact continuous level measurements
- Build-up resistant Teflon rod antenna easily sheds condensation
- Plug-and-play installation with simple calibration
- 2-wire loop-powered, 3-wire or 4-wire operation with 4-20 mA / 20-4 mA output standard
- Optional HART, RS232 or RS485 communications with free calibration, diagnostics and data logging software
- PLC compatible (Modbus RTU)
- Aluminum and SS316L housing options to withstand any environment
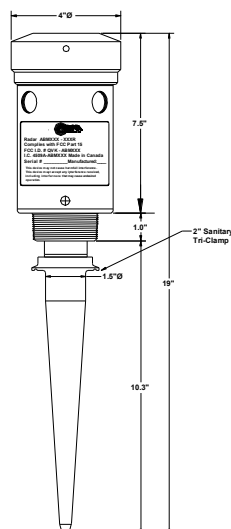- Ingress protection IP68 rating (NEMA 6)

Applications

Liquid and solid level measurement for: Water, Food, Beverage and Pharmaceutical.

Technical Data

Measuring Range:	Up to 100 ft (30.5 m)
Temperature:	-40 to 204°C (-40 to 400°F)
Pressure Rating:	≤ 2 Bar (29 psi)
Mounting:	2" tri-clamp

Dimensions

Catalogue Number Ordering

Supply Voltage:	16-30 VDC Loop-Powered (2-wire) 12-30 VDC Power (3-wire) 115 VAC Power (4-wire) 230 VAC Power (4-wire)	200 300 400 430
Maximum Range:	17 ft (5.2 m) 33 ft (10.1 m) 50 ft (15.2 m) 100 ft (30.5 m)	017 033 050 100
Frequency:	5.8 GHz 6.3 GHz	R5 R6
Communication:	HART RS232 RS485	CH C2 C4
Enclosure:	Aluminum SS316L	AL SS
Antenna:	Sanitary Teflon Rod	S20
Process Connection:	2" Tri-Clamp	C20

Model:	ABM	_ _ _	-	_ _ _	_ _	_ _	-	_ _	S20C20