

RLI-80

Non-Contact Radar Level Sensor



The radar sensor is used for the non-contact level measurement of liquids

- Non-Contact = Zero Contamination Risk & Maintenance-Free
- High Accuracy in Challenging Medias & Environmental Conditions
- Easy to Install & Retrofit on Existing Tanks

SPECIFICATIONS

MEDIA	Liquids
DIELECTRIC CONSTANT	Er > 2
MEASURING RANGE	49.21' (15 m)
FREQUENCY	80 GHz
OPERATING PRESSURE	Full VAC to ~43 PSI (3 bar)
OPERATING TEMPERATURE	-40° F to +176° F (-40° C to +80° C)
ACCURACY	± 0.2" (5 mm)
BEAM ANGLE	8°
MATERIALS (WETTED PARTS)	PVDF (Housing), FKM (Seal)
THREADED CONNECTION	2" NPT, 1 1/4"-12 (Bracket Mounting)
PROTECTION RATING	IP67
INPUT	24-36 VDC
OUTPUT	MODBUS® (4-Wire) or 4-20 mA (2-Wire)
COMMUNICATION INTERFACE	Configurations / Diagnostics via Bluetooth®, View Tank Obstacles & Signal Strength
INDICATION / ADJUSTMENT	Via App on Smartphone or Tablet & Bluetooth®
APPROVALS	cULus, CE, ATEX/IECEX
ELECTRICAL CONNECTION	15' (4.57 m) or 30' (9.14 m) TPE Jacketed Cable

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