

LEVEL & LEAK DETECTION

ECHOPULSE® RADAR LEVEL TRANSMITTER LR25 SERIES



DESCRIPTION

The Flowline EchoPulse® LR25 Series 6 GHz radar transmitter provides continuous level measurement up to 114.83' (35 m) with a 4-20 mA signal output and is configured via its integral push button display menu. The LR25 Series non-contact liquid level sensor with PTFE coated stainless steel horn is ideally suited for liquid level applications of aggressive chemicals, and higher temperature or pressure liquids.

FEATURES

- Continuous, non-contact level measurement for liquids, pulps and slurries
- Measurement not affected by wave action
- Measurement minutely affected by temperature changes, powders or vapors
- Max measurement range: 114.83' (35 m)
- Process pressure up to 580 psi
- 2-wire technology with 4-20 mA
- Storage and recognition system for false echo signals

NEW!



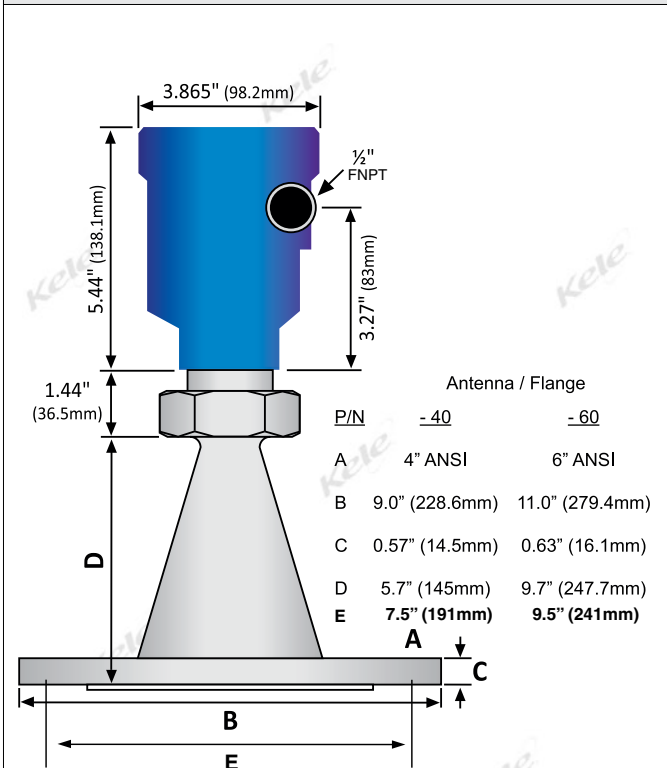
LR25



SPECIFICATIONS

Supply Voltage	16 to 26 VDC @ 22.5 mA
Accuracy	± 10 mm
Signal Output	4-20 mA @ 461Ω (loop powered)
Frequency	6.3 GHz
Fail Safe	20.5 mA, 22 mA, or 3.9 mA
Deadband	12" (30 cm)
Beam Angle	20° - 4" and 6" ANSI flange
Range	114.83' (35 m)
Pressure	-14.5 to 580 psi
Process Temperature	-40° to 266°F (-40° to 130°C)
Ambient Temperature	-40° to 212°F (-40° to 100°C)
Operating Humidity	<95%
Cable Connect	Standard 2-wire cable with outside diameter of 5-9 mm
Cable Entrance	One cable entry 1/2" NPT One binding if 1/2" NPT
Antenna	316 L
Flange	316 L w/ PTFE cover
Seal	Viton
Seal Ring	Silicone
Window	Polycarbonate
Ground Terminal	Stainless steel
Enclosure	Aluminum
Approvals	cTUVus, FCC (Part 15.209), CE, GP, CRN registered, RoHS
Weight	6.61 lbs (3 Kg)
Warranty	1 year

DIMENSIONS



10

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ORDERING INFORMATION

MODEL	DESCRIPTION
LR25-0410-20	114" ft range radar transmitter with 20" mounting flange
LR25-0410-60	114" ft range radar transmitter with 6" mounting flange

NEW!