Product data sheet

Specifications



Non-contact radar level transmitter for liquids in basic process applications

LR54

Main

Range of Product	Level
Product or Component Type	Level transmitter
[Us] rated supply voltage	12...30 V DC 16...36 V DC
Antenna type	Metallic horn PP drop

Complementary

Housing material	Aluminium 316L stainless steel
Communication port protocol	HART, 4...20 mA
Display Type	LCD display
Measurement accuracy	+/- 2 mm
Measurement range	0...100 m 0...328 ft
Pressure Rating	-14.50…232.06 psi (-1…16 bar) -14.5…232 psi (-99.97…1599.58 kPa)
Type of measurement	Radar K-band frequency 24 GHz
Connector type	DIN ASME JIS ISO ASME

Environment

Ambient air temperature for operation	-58…266 °F (-50…130 °C) -58…266 °F (-50…130 °C)
Standards	EN/IEC 61508 level SIL2 NACE MR01-75 NACE MR01-03
IP Degree of Protection	IP66 IP68
NEMA Degree of Protection	NEMA 4X NEMA 6P NEMA 6

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Offer Sustainability

California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
REACh Regulation	REACh Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.