Product data sheet Characteristics

LR65

Non-contact radar level transmitter for powders and dusty atmospheres



Range of product	Level	:
Product or component type	Buoyancy transmitter	
[Us] rated supply voltage	1230 V DC 1636 V DC	
Antenna type	PEEK lens	

Complementary

complementally	
Housing material	Aluminium
	316L stainless steel
Communication port protocol	HART, 420 mA
Display type	LCD display
Measurement accuracy	+/- 2 mm
Measurement range	0100 m
	0328 ft
Pressure rating	040 bar
	0.003998.96 kPa
Type of measurement	Radar W-band frequency 80 GHz
Connector type	DIN flange
	ASME flange
	JIS flange
	ISO thread
	ASME thread

Environment

Range of product	Level	
Product or component type	Buoyancy transmitter	
[Us] rated supply voltage	1230 V DC 1636 V DC	
Antenna type	PEEK lens	
Complementary		
Housing material	Aluminium 316L stainless steel	
Communication port protocol	HART, 420 mA	
Display type	LCD display	
Measurement accuracy	+/- 2 mm	
Measurement range	0100 m 0328 ft	
Pressure rating	040 bar 0.003998.96 kPa	
Type of measurement	Radar W-band frequency 80 GHz	
Connector type	DIN flange ASME flange JIS flange ISO thread ASME thread	
Environment		
Ambient air temperature for operation	-50200 °C -50200 °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	

Offer Sustainability

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	
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	



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