

# Product data sheet

Specifications



## Level transmitter, Level, for solids from granulates to rocks, K band 24GHz radar

LR64

### Main

Range of product	Level
Product or component type	Level transmitter
Product specific application	For solids from granulates to rocks
[Us] rated supply voltage	12...30 V DC 16...36 V DC
Language	Multi-language
Kit composition	transmitter antenna

### Complementary

Antenna type	Metallic horn PP drop PTFE drop
Housing material	Aluminium 316L stainless steel
Pressure rating	-1...16 bar -99.97...1599.58 kPa
Safety level	SIL 2 SIL 3
Communication port protocol	HART, 4...20 mA
Display type	LCD display
Measurement accuracy	+/- 2 mm
Measurement range	0...100 m 0...328 ft
Type of measurement	Radar K-band frequency 24 GHz
Connector type	DIN flange ASME flange JIS flange ISO thread ASME thread

### Environment

Ambient air temperature for operation	-50...130 °C -50...130 °C
Ambient air temperature for storage	-40...80 °C -40...80 °C
Product certifications	IEC-Ex ATEX NEPSI

<b>Standards</b>	EN/IEC 61508 NACE
<b>IP degree of protection</b>	IP66 IP68
<b>NEMA degree of protection</b>	NEMA 4X housing NEMA 6P antenna

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1

## Offer Sustainability

<b>REACH Regulation</b>	<a href="#">REACH Declaration</a>
<b>EU RoHS Directive</b>	Compliant <a href="#">EU RoHS Declaration</a>
<b>Mercury free</b>	Yes
<b>RoHS exemption information</b>	<a href="#">Yes</a>
<b>China RoHS Regulation</b>	<a href="#">China RoHS declaration</a>
<b>WEEE</b>	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
<b>California proposition 65</b>	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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>

## Recommended replacement(s)