

Level transmitter, Level, for liquid in strorage and process, X band 10GHz radar

LR01

Main

Range of Product	Level		
Product or Component Type	Level transmitter		
Product Specific Application	For liquids in storage and process applications		
[Us] rated supply voltage 11.530 DC 13.536 DC			
Kit composition	transmitter antenna		

Complementary

Antenna type	Metallic horn PP horn	
Housing material	Aluminium 316L stainless steel	
Pressure sensor size	0.000000000580.2 psi (040 bar) 0580 psi (0.00000000003999.0 kPa)	
Safety level	SIL 2	
Communication port protocol	HART, 420 mA Profibus PA FOUNDATION fieldbus	
Display Type	LCD display	
Measurement accuracy	+/- 3 mm	
Measurement range	040 m liquid 020 m solid 0130 ft liquid 065 ft solid	
Type of measurement	Radar X-band frequency 10 GHz	
Connector type DIN flange ASME flange JIS flange ISO thread ASME thread		

Environment

Ambient air temperature for operation	-76482 °F (-60250 °C) -60250 °C (-76482 °F)
Ambient Air Temperature for Storage	-58185 °F (-5085 °C)

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Product certifications	IEC-EX ATEX FM NEPSI INMETRO CRN
Standards	EN/IEC 61508 NACE
IP Degree of Protection	IP66 IP67
NEMA degree of protection	NEMA 4X housing NEMA 6P antenna

Packing Units

Unit Type of Package 1	PCE	
Nbr. of units in pkg.	1	



Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing "Use Better, Use Longer, Use Again" campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

Use Better

Materials and Substances	
Packaging made with recycled cardboard	No
Packaging without single use plastic	No
EU RoHS Directive	Compliant with Exemptions
REACh Regulation	REACh Declaration
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

Use Again

○ Repack and remanufacture	
Take-back	No