LR80-0000 Cut Sheet

AUTOMATIONDIRECT

Flowline EchoBeam frequency modulated continuous wave (FMCW) radar liquid and bulk solids level sensor, liquid 32.8ft/10m, solids 16.4ft/5m sensing range, 4-20 mA, 12-30 VDC operating voltage, 1-1/2in male NPT process connection.

For complete product information, please see this item on our store at the following link:

https://www.automationdirect.com/pn/LR80-0000

Technical Specifications

Brand	Flowline		**Housing Size**	2.87in diameter
Item	Level sensor		**Housing Material**	Polyvinylidene fluoride (PVDF)
Series	EchoBeam		**IP Rating**	IP68
Sensor Type	Frequency modulated continuous wave (FMCW) radar		**NEMA Rating**	6P
			Process Connection	1-1/2in male NPT
Media Type	Liquid and bulk solids		**Electrical Connection**	1in male NPT with 10m/32ft cable
Mounting	Vertical top		**Requires**	An Android or iOS device with Bluetooth connectivity and LevelTap App (free download from the Google Play Store and Apple App Store) for full sensor configuration
Process Temperature	-40 to 176 deg F			
Sensing Range	Liquid 32.8ft/10m, solids 16.4ft/5m			
Output	4-20 mA			
Operating Voltage	12-30 VDC			

Agency Approvals

UL Listed File #	None
UL Recognized File #	None
UL Hazardous File #	None
CE	View CE declarations
CSA File #	178551
RoHS Status	Yes (See CE Doc)
EU REACH	View EU REACH document

Dimensional Drawings

2D Drawing PDF Link:
https://cdn.automationdirect.com/static/drawings/2d/LR80-0000.pdf
See store item page for other formats.