

LR80-0000 Cut Sheet



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
Item	Level sensor
Series	EchoBeam
Sensor Type	Frequency modulated continuous wave (FMCW) radar
Media Type	Liquid and bulk solids
Mounting	Vertical top
Process Temperature	-40 to 140 deg F
Sensing Range	Liquid 32.8ft/10m, solids 16.4ft/5m
Output	4-20 mA
Operating Voltage	12-30 VDC

Housing Size	2.87in diameter
Housing Material	Polyvinylidene fluoride (PVDF)
IP Rating	IP68
NEMA Rating	6P
Process Connection	1-1/2in male NPT
Electrical Connection	1in male NPT with 10m/32ft cable
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

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.