

ENVIROMUX-ULT

Ultrasonic Level Transmitter

Description

ENVIROMUX-ULT, a general purpose non-contact ultrasonic level transmitter for small tanks 49.2" (1.25 m) or less. It enables flexible design applications for system integration or retrofit of floats, conductance and pressure sensors. Well suited for fluid handling and chemical feed applications integrating process or control automation of small tanks mounted on tools, skids or machines. The rugged PVDF enclosure is well suited for a wide range of corrosive, waste or slurry type media, and can be broadly selected for atmospheric day tank, process vessel or dispenser, pump lift station and waste sump applications. Level indication can be monitored via a local display or controlled through a PLC.



Specifications

Range:	49.2" (1.25 m)
Accuracy:	0.125" (3 mm)
Resolution:	0.019" (0.5 mm)
Beam width:	2" (5 cm)
Dead band:	2" (5 cm)
Supply voltage:	24 VDC (loop)
Loop resistance:	400Ω max @ 24 VDC
Consumption:	0.5W
Signal output:	4-20 mA, two-wire reversible mA
Loop fail-safety:	4 mA, 20 mA, 21 mA, 22 mA, hold last
Configuration:	Fob USB Interface Tool
Temp. comp.:	Automatic over range
Process temp.:	F: -20° to 140° C: -7° to 60°
Ambient temp.:	F: -31° to 140° C: -35° to 60°
Pressure:	MWP = 30 PSI
Enclosure:	Type 6P encapsulated, corrosion resistant & submersible
Encl. material:	Polycarbonate
Strain relief mat.:	Santoprene
Trans. material:	PVDF
Cable length:	48" (1.2 m)
Cable jacket mat.:	Polyurethane
Process mount:	1" NPT (1" G)
Mount. gasket:	Viton®
Classification:	General purpose
Approvals:	CE, cFMus

