



HAZARDOUS LOCATIONS

EXPLOSIONPROOF LEVEL TRANSMITTER ECHO SAFE

DESCRIPTION

The **EchoSafe** is an explosion-proof, industrial-grade ultrasonic liquid-level transmitter with automatic temperature compensation. Liquid conductivity, clarity, foam, or suspended solids do not affect the highly accurate 4-20 mA output since no contact is made with the material being measured.

FEATURES

- *Class I Division 1, Groups A, B, C, D; Class II, Groups E, F, G; Class III Division 1, Groups E, F, G*
- *Compact XP enclosure with viewing window and dual conduit ports*
- *Narrow (3") beam for use in tight locations*
- *Integral display*
- *Simple pushbutton calibration*
- *Suitable for a wide variety of liquids*
- *Not affected by foam, dirty liquids, etc.*
- *8" to 24.6' range (20 cm to 7.5m)*
- *Fail-Safe intelligence with diagnostic feedback*
- *Display in inches or centimeters*

NEW!

FLOWLINE



SPECIFICATIONS

Range	8" to 24.6' range (20 cm to 7.5m)	Enclosure	NEMA 4X (IP65)
Accuracy	0.2% of max range	Mounting threads	2" NPT
Resolution	0.079" (2 mm)	Conduit connection	Dual, 1/2" NPT
Display type	LCD, 6-digits	Transducer material	PVDF
Display units	Inch, cm, ft, m, percent	Enclosure material	Aluminum
Supply voltage	18-28 VDC (loop powered)	Window material	Glass
Signal output	4-20 mA or 20-4 mA, two-wire	Area	Class I Division 1, Groups A, B, C, D; Class II, Groups E, F, G; Class III
Fail-safe	4 mA, 20mA, 21mA, 22mA or hold last	Approval	FM Approved, RoHS Compliant
Max loop resistance	250 ohms at 24 VDC	Weight	2.0 lb (0.9 kg)
Temp range	-4°F to 140°F (-20°C to 60°C)	Warranty	1 year
Temp compensation	Automatic over entire range		
Pressure rating	30 psig (207 kPa)		

NEW!

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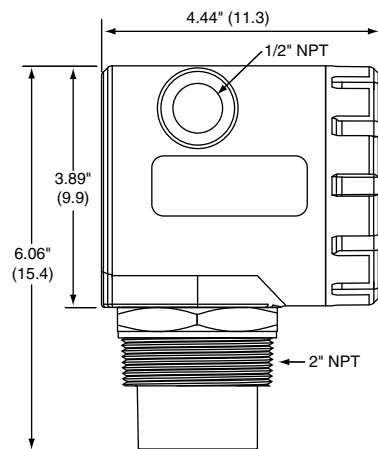
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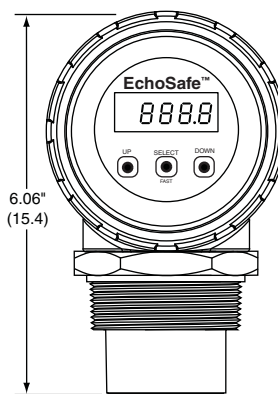
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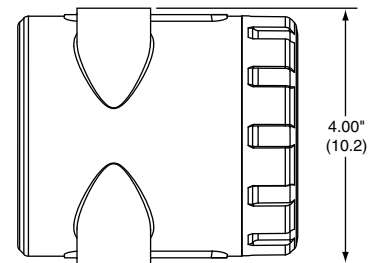
DIMENSIONS



Side View



Front View



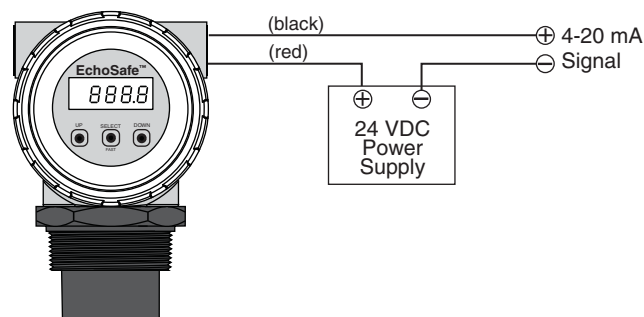
Top View

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WIRING

The **EchoSafe** requires 14-28 VDC power and a load that receives a 4-20 mA current input. Connect the red wire of the transmitter to the positive VDC terminal on the power supply. Connect the black wire on the transmitter to the (+) terminal on the load. Connect the (-) of the load to the (-) of the power supply.



ORDERING INFORMATION

MODEL

XP88-00
EYM-50
ACK6F

DESCRIPTION

Explosionproof level transmitter, 8" to 24.6'
1/2" sealing fitting for rigid conduit
Sealing Kit with fiber and cement

ACCESSORIES

LM50-1001 2" Mounting bracket