



EchoPod™ Ultrasonic Level Transmitter

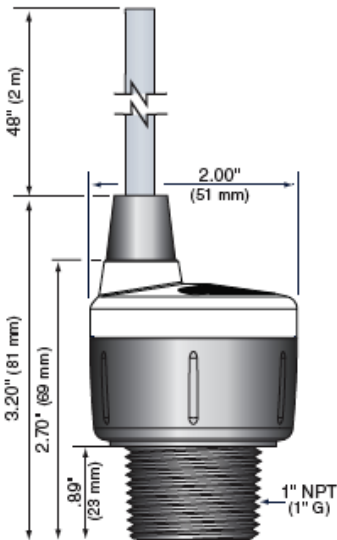
Features & Benefits

- Provides two-wire 4-20 mA analog output
- Compact sensor with 2" deadband and beam width
- Replaces capacitive rods, bubbler systems and sight gages
- WebCal® Software makes EchoPod configuration fast and easy

EchoPod Description

This general purpose, ultrasonic sensor provides non-contact level measurement up to 49.2" (1.25m) with a 4-20 mA output. This device directly replaces contact measurement sensors connected to a PLC analog input card for easy design conversion or field retrofit. The two-wire, 4-20 mA output is ideal for longer signal distances up to 1000'. The sensor is well suited for a wide range of corrosive, sticky or dirty type media. EchoPod is broadly selected for small atmospheric tank, IBC, drum, skid or process vessel and sump applications. To configure EchoPod, download our free WebCal software and purchase one USB interface tool.

Dimensions



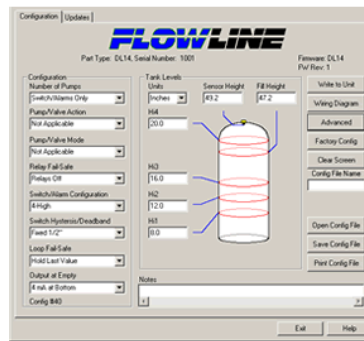
Specifications



Range	49.2" (1.25m)
Accuracy	0.125" (3 mm)
Resolution	0.019" (0.5 mm)
Beam Width	2" (5 cm)
Deadband	2" (5 cm)
Supply Voltage	24 VDC (loop)
Loop Resistance	400Ω Max @ 24 VDC
Consumption	0.5W
Signal Output	4-20mA, Two-Wire, reversible mA
Contact Type	none
Loop Fail-Safety	4 mA, 20 mA, 21 mA, 22 mA or Hold Last
Configuration	WebCal® PC Windows® software
Temp. Compensation	Automatic over range
Process Temperature	F: 20° to 140° C: -7° to 60°
Ambient Temperature	F: -31° to 140° C: -35° to 60°
Max. Working Pressure	30 PSI
Enclosure	Type 6P, Encapsulated, Corrosion Resistant & Submersible
Enclosure Material	PC/ABS FR
Strain Relief Material	Santoprene
Transmitter Material	PVDF
Cable Length	48" (1.2 m)
Cable Jacket Material	Polyurethane
Process Mount	1" NPT (1" G)
Mounting Gasket	Viton®
Classification	General Purpose
Approvals	cFMus, CE
Compliance	RoHs

Setup Software

EchoPod is user configured via WebCal software through the Fob USB interface tool. Configuration files can be easily created, saved, copied into one or more units, emailed or modified. WebCal allows you to take control of your level process with its intuitive interface, pre-programmed menus, tank set point graphics and custom wiring diagrams for each configuration. Set-up takes minutes.



LI99 FOB Shown

Application Photos



EchoPod unique 2" dead band and 2" beam make level measurement simple in IBC's and small tanks.

Ordering Information

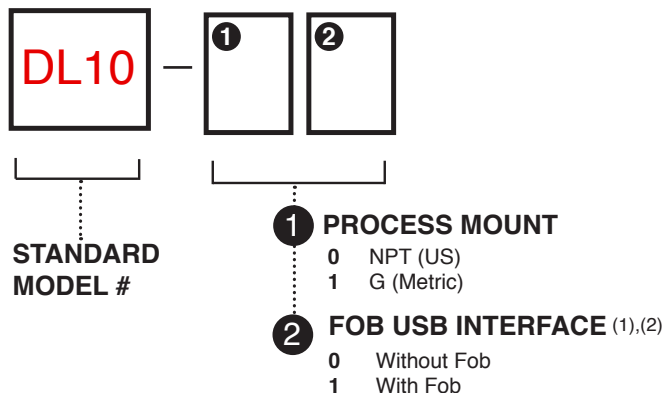
FLO-CORP MODEL NUMBER BUILDER

For Assistance Call **330.468.0180**

Use the diagram below, working from left to right to construct your Flo-Corp Model Number. Simply match the category to the corresponding box number.

Example: DL10-01

EchoPod, NPT Process Mount, With Fob USB Interface



Ordering Notes

- 1) One FOB USB interface tool (LI99-1001) and WebCal are required to configure EchoPod. FOBs are universal and one FOB can configure multiple sensors.
- 2) WebCal is a free download @ www.flowline.com/webcal (Windows® XP Compatible).

Specifications are subject to change without notice.

