

LEVEL & PRESSURE Ultrasonic Transmitters

Flowline EchoPod® Ultrasonic Level Controllers

- **Narrow 2" beam width**—perfect for small tank applications
- **Select models offer a Reflective Technology™ sensor** that sheds away condensation for reliable readings
- **NEMA 6P enclosure** stands up to tough environments

In applications where floats can stick, conductance transmitters can corrode, and pressure sensors can foul, the EchoPod is your solution. It uses non-contact measurement—ideal for applications with sticky, corrosive, dirty, viscous or crystallizing liquids. Programming the controller is easy with WebCal software (free download) and a USB fob (sold separately). Simply wire the EchoPod to the fob and plug into your PC's USB port for initial configuration. You can use one fob to program multiple controllers at different facilities.

Choose from six models. The economical DL10 features a 4-20 mA output; all other models have a 4-20 mA output along with four relays. Relays are independently programmable for any combination of alarm or control, including duplexing. For larger tanks, use the DL24 and DL34. The UG01 and UG03 use Reflective Technology, a unique transducer design shape that allows condensation to shed from the surface face so ultrasonic signals remain strong.

The **optional PodView LI40** is a low-cost general-purpose level indicator that shares power with an EchoPod ultrasonic sensor, including loop-powered devices. It lets you quickly make simple setting changes to your EchoPod without the need to connect to a PC. Field mountable. No additional power is required.

All models include: 4'L cable. WebCal software is available for free download at the Flowline website. Contact us for models with intrinsically safe ratings.



DL34 EchoPod
37327



DL24 EchoPod
37398



DL10 EchoPod
37397

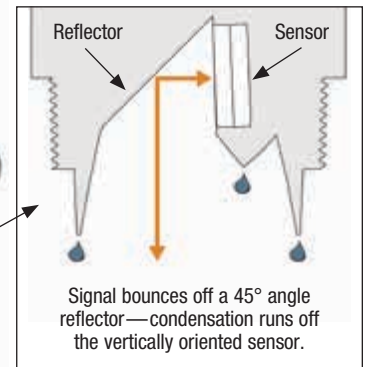


PodView LI40 Indicator
Display 26865

UG03 and UG01 models offer a Reflective Technology™ sensor that sheds away condensation for more reliable readings



UG03 EchoPod
47391



DESCRIPTION	OUTPUT	RELAYS	RANGE	STOCK #	EACH
DL34 EchoPod	4-20 mA	4 SPST	18.0'	37327	\$
DL24 EchoPod	4-20 mA	4 SPST	9.8'	37398	
UG03 EchoPod	4-20 mA	4 SPST	9.8'	47391	
UG01 EchoPod	4-20 mA	4 SPST	4.9'	47389	
DL14 EchoPod	4-20 mA	4 SPST	4.1'	42131	
DL10 EchoPod	4-20 mA	None	4.1'	37397	



Accessories

MFR #	DESCRIPTION	STOCK #	EACH
LI99-2001	USB Fob (Required)	13904*	\$
LM50-1001	Side Mounting Bracket for 2" NPT(M) Models	65886	
LM50-1001-1	Side Mounting Bracket for 1" NPT(M) Models	65887	
LI40-1001	Optional PodView LI40 Indicator Display	26865	
—	Power Supply, 24 VDC, 0.6A	74178	

*A fob is required. One fob can be used with multiple EchoPod units.

	37327	37398	42131	37397	47389	47391
Mfr #:	DL34	DL24	DL14	DL10	UG01	UG03
Range:	8 to 216"	4 to 117.6"	2 to 49.2"	2 to 49.2"	1.5 to 59"	4 to 117.6"
Accuracy:	±0.2% of range	±0.2% of range	0.125"	0.125"	±0.125"	±0.2% of range
Deadband:	8"	4"	2"	2"	1.5"	4"
Connection:	2" NPT(M)	1" NPT(M)	1" NPT(M)	1" NPT(M)	2" NPT(M)	2" NPT(M)
Signal output:	4-20 mA, two-wire	4-20 mA, two-wire	4-20 mA, two-wire	4-20 mA, two-wire	4-20 mA, two-wire	4-20 mA, two-wire
Relays:	four SPST, 1A	four SPST, 1A	four SPST, 1A	none	four SPST, 1A	four SPST, 1A
Beam width:	3"	2"	2"	2"	2"	2"
Enclosure type:	NEMA 6P	NEMA 6P	NEMA 6P	NEMA 6P	NEMA 6P/IP68	NEMA 6P/IP68
Materials:	polycarbonate, PVDF	polycarbonate, PVDF	polycarbonate, PVDF	polycarbonate, PVDF	polypropylene, reflective PVDF	polypropylene, reflective PVDF
Power:	14-28 VDC	14-28 VDC	14-28 VDC	14-28 VDC	14-28 VDC	14-28 VDC
Approvals:	CE, FM	CE, FM	CE, FM	CE, FM	CE, UL	CE, UL