

Cricket™ Two-Wire Alphasonic Level Transmitter

Application

The general purpose two-wire alphasonic transmitter provides light duty level measurement up to 10' or 3m, and is well suited for clean water or non-coating and scaling diluted corrosive liquids. The transmitter is typically selected for atmospheric day tank and process vessel applications. Media examples include potable water and malic acid.

Features

- Low-cost measurement solution for light duty level applications
- PVC, PP or PVDF wave guides may be easily sized in the field
- Wave guide dampens turbulence for accurate measurement in agitation
- Simple potentiometer calibration with power LED and span invert switch

Tech Tip

For easy installation in open tanks, order the adjustable LM50 side mount bracket. The PP bracket bolts directly to the side wall.



LA12-50_1
Shown



Specifications

Range:	1' to 10' (30cm to 3m)
Accuracy:	± 1% of span in air
Supply voltage:	14-36 VDC
Signal output:	4-20 mA, two-wire
Calibration:	Potentiometer
Process temp:	F: -4° to 140° C: -20° to 60°
Pressure:	30 psi (2 bar)
Enclosure rating:	NEMA 4X (IP65)
Probe material	PVDF
Conduit:	1/2" NPT
Process mount:	1" NPT (1" G)
Classification:	General purpose



LA12-01-

Guide material

- 7 PVC
- 1 PP
- 5 PVDF

Process mount (1) (2)

- 0 1" NPT (US)
- 6 1" G (Metric)

Guide length (3)

- 012-120 12"-120" (30 cm to 3m)

Ordering Notes

- 1) The straight G thread version seals with an included Viton® mounting gasket.
- 2) For installation on open tanks, order the LM50-1001-1 (1" NPT) or LM50-1061-1 (1" G) side mount bracket.
- 3) The guide length or A-dimension may be specified in 1/2" (1.3 cm) increments from 12" to 120" (30 cm to 3m). To order the LA12 without a factory installed guide, specify a 00 guide length. Separately sourced and installed guides should adhere to a 1/2" (20 mm) schedule 40 pipe specification.

203 Vest Avenue
Valley Park, MO 63088

Toll Free: (888) SPECTECH
Phone: (636) 537-0202

Fax: (636) 537-1405
E-Mail: sales@spectechind.com