



# LEVEL

## ULTRASONIC LEVEL TRANSMITTER DL10 SERIES

### DESCRIPTION

The compact **Model DL10 Ultrasonic Level Transmitter** provides non-contact liquid level measurement up to 49.2" (1.25m) with reversible 4-20 mA output. The **Model DL10** is ideal for corrosive, sticky, and dirty media. Transmitters can be quickly configured using WebCal software. Download free WebCal software from [www.kele.com](http://www.kele.com). The software offers pre-programmed menus, tank set point graphics, and custom wiring diagrams. User can define loop failsafe, start-up condition, output at empty, and specific tank levels.

### FEATURES

- *Ideal for small tank applications*
- *Simple configuration*
- *Polycarbonate enclosure designed to be corrosion resistant*
- *Minimal dead band optimizes filling capacity*
- *Adjustable loop failsafe*
- *2" (5.1 cm) beam diameter for restricted spaces*

### APPLICATIONS

- *Small atmospheric day tanks*
- *Skid or process vessels*
- *Lift stations*
- *Drums*
- *Sumps*
- *Chemical feed applications*

### SPECIFICATIONS

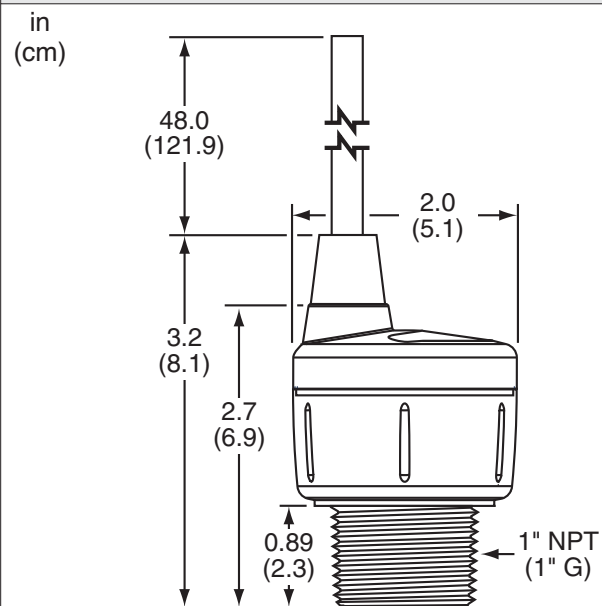
|                          |                              |
|--------------------------|------------------------------|
| Supply voltage           | 24 VDC (loop powered)        |
| Loop resistance          | 400Ω@ 24 VDC                 |
| Signal output            | 4-20 mA, two-wire            |
| Range                    | 49.2" (1.25m)                |
| Accuracy                 | 0.125" (3 mm)                |
| Resolution               | 0.019" (0.5 mm)              |
| Beam width               | 2" (5.1 cm) diameter         |
| Dead band                | 2" (5.1 cm)                  |
| Memory                   | Non-volatile                 |
| Fail safe                | 4/20/21/22 mA or hold last   |
| Process temperature      | 20° to 140°F (-7° to 60°C)   |
| Ambient temperature      | -31° to 140°F (-35° to 60°C) |
| Temperature compensation | Automatic                    |
| Pressure                 | 30 psig (206.9 kPa)          |
| Enclosure                | Polycarbonate, NEMA 6P       |
| Sensor material          | PVDF                         |
| Cable                    | 48" (1.2m) length            |
| Process mount            | 1" NPT                       |
| Agency approvals         | CE compliance, FM approved   |

NEW!

FLOWLINE



### DIMENSIONS



### ORDERING INFORMATION

| MODEL     | DESCRIPTION                                          |
|-----------|------------------------------------------------------|
| DL10-00   | Ultrasonic level transmitter                         |
| DL10-01   | Ultrasonic level transmitter with fob, 49.2" (1.25m) |
| LI99-1001 | Fob calibration key                                  |

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