

E-ULT

Ultrasonic Level Transmitter

Description

E-ULT, a general purpose non-contact ultrasonic level transmitter for small tanks 49.2" (1.25 m) or less. It enables flexible design applications for system integration or retrofit of floats, conductance and pressure sensors. Well suited for fluid handling and chemical feed applications integrating process or control automation of small tanks mounted on tools, skids or machines. The rugged PVDF enclosure is well suited for a wide range of corrosive, waste or slurry type media, and can be broadly selected for atmospheric day tank, process vessel or dispenser, pump lift station and waste sump applications. Level indication can be monitored via a local display or controlled through a PLC.



Specifications

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|---------------------|---|
| Range: | 49.2" (1.25 m) |
| Accuracy: | 0.125" (3 mm) |
| Resolution: | 0.019" (0.5 mm) |
| Beam width: | 2" (5 cm) |
| Dead band: | 2" (5 cm) |
| Supply voltage: | 24 VDC (loop) |
| Loop resistance: | 400Ω max @ 24 VDC |
| Consumption: | 0.5W |
| Signal output: | 4-20 mA, two-wire reversible mA |
| Loop fail-safety: | 4 mA, 20 mA, 21 mA, 22 mA, hold last |
| Configuration: | Fob USB Interface Tool |
| Temp. comp.: | Automatic over range |
| Process temp.: | F: -20° to 140° C: -7° to 60° |
| Ambient temp.: | F: -31° to 140° C: -35° to 60° |
| Pressure: | MWP = 30 PSI |
| Enclosure: | Type 6P encapsulated, corrosion resistant & submersible |
| Encl. material: | Polycarbonate |
| Strain relief mat.: | Santoprene |
| Trans. material: | PVDF |
| Cable length: | 48" (1.2 m) |
| Cable jacket mat.: | Polyurethane |
| Process mount: | 1" NPT (1" G) |
| Mount. gasket: | Viton® |
| Classification: | General purpose |
| Approvals: | CE, cFMus |

