

LU90 Ultrasonic Level Transmitter



Ultrasonic Level Transmitter for Liquids & Solids

Characteristics

- **Measuring range:**
 - 0.2 m ... 6 m for liquids
 - 0.2 m ... 3.5 m for solids
- **Enclosure:**
 - IP67, UV treated polycarbonate
- **Power Supply:**
 - 18 ... 30 VDC, 4 wires system
- **Output:**
 - 4-20 mA into 700 Ohm
- **Signals:**
 - 2 alarms by means of optoisolated transistors,
V max: 30 VDC. I max: 30 mA
- **HART Protocol:**
 - Optional
- **Integral LCD Display:**
 - 4 being 3 of the digits decimal
- **Cable Entries:**
 - 3 x PG11
- **Transducer material:**
 - PP, PVDF
- **Process connection:**
 - 2" BSPP
- **Resolution:**
 - 1 mm
- **Uncertainty:**
 - < 0.25% of measuring range
- **Repeatability:**
 - < 0.25% of measuring range
- **Operating Temperature:**
 - 10°C .. +80°C
- **Ambient Temperature:**
 - 40°C .. +70°C
- **Operating Pressure:**
 - 2 bar max

