

ULTRASONIC LEVEL INDICATOR

General Features

- Uses high-frequency ultrasonic sound waves for level measurement
- Non-contact measurement – no direct contact with liquid or solid media
- Transducer emits ultrasonic pulses and receives reflected signals
- Measures level based on time-of-flight principle
- Provides accurate and reliable level readings
- Suitable for both liquid and solid level measurement
- Ideal for corrosive and hazardous environments
- Perfect for difficult-to-access or enclosed installations
- Low maintenance due to non-contact operation



Material Data

| COMPONENT | MATERIAL |
|---------------------|------------------------------------|
| Transducer | PVDF / PP / SS 316L |
| Electronics Housing | Polycarbonate / Aluminium Die-cast |
| Process Seal | PTFE / FKM / EPDM |
| Cable Gland | SS 316 / Nickel-plated Brass / PA |
| Mounting Bracket | SS 304 / SS 316 / Aluminium |
| Display Window | Polycarbonate (UV stabilised) |

Design Features

- Suitable for high pressure and temperature service
- Pressure rating up to 100 Bar
- Temperature up to 300°C
- Available in single and multi-port configurations
- Toughened borosilicate gauge glass as standard
- Manual or automatic shut-off safety valves
- Top and bottom process connections – Flanged / Screwed
- Protective guard cover supplied as standard
- Mica shield available for corrosive media

