



Pulse Radar 138 C / K For Liquids-Solids

Product Features

- Two wire
- Variety of antennas to suit application
- Measuring range up to 70 m
- 6 GHz & 26 GHz Versions
- High accuracy up to ± 3 mm
- Low dead band
- Small beam angles of up to 4°
- Dual chamber construction separates electronics from terminals
- Aiming device helps focusing the beam for use in solids
- Integrated air purge connection for use in dusty atmospheres

Applications

Solids:

- Coal, cement, fly ash, clinker, gypsum, storage tanks or process vessels in dusty media, with or without aiming device
- Storage silos, hoppers
- Bunkers

Liquids:

- Level measurement specially for corrosive media
- Edible Oil

Specification

- **Power Supply:** 14 - 30 VDC
- **Temperature:** Up to 200°C
- **Pressure:** Up to 16 kg/cm^2
- **Process Connection:** Threaded or flanged
- **Output:** 4-20 mA, 2 Wire, HART
- **Protection:** IP67



Ultrasonic ULTRAMATE 136 SS ULT

Product Features

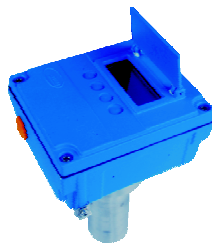
- Two wire
- 8 line Graphical display
- Fully temperature compensated
- Stainless steel sensor
- Magnetic key operation
- No site calibration required
- Measuring Range: 4m or 8m
- Accuracy: 0.2% of measuring range

Applications

- For Liquids
- Volume can be displayed
- May be used for open channel flow measurement
- Temperature Indication

Specifications

- **Power Supply:** 14 to 30 VDC
- **Temperature:** -10 to 60°C
- **Pressure:** Atmospheric / upto 5 kg/cm^2
- **Process Connection:** Threaded, SO flange
- **Output:** 2 Wire, 4 - 20 mA
- **Protection:** IP67



Ultrasonic ULTRAMATE 136ULX

Product Features

- Two wire
- 8 line Graphical display
- Optional HART output with 2 wire units
- Fully temperature compensated
- Stainless steel sensor
- Magnetic key operation
- No site calibration required
- Measuring Range: 4m or 8m or 10m
- Accuracy: 0.2% of measuring range

Applications

- For Liquids
- Volume can be displayed
- May be used for open channel flow measurement
- Temperature Indication

Specifications

- **Power Supply:** 14 to 30 VDC
- **Temperature:** -10 to 60°C
- **Pressure:** Atmospheric
- **Process Connection:** Threaded
- **Output:** 2 Wire, 4 - 20 mA, HART Output
- **Protection:** IP67





LEVEL TRANSMITTERS

Hydrostatic pressure 103HPT

Product Features

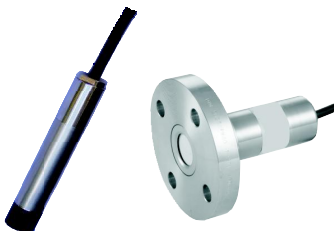
- Submersible transmitter -Two wire
- Highly accurate and long-term stable sensor elements
- Compensated for temperature and air pressure fluctuations
- Stainless Steel Housing
- < 22 mm diameter can be used even in 1" Bore pipes.
- No site calibration required

Applications

- Level indication of tanks
- Water level measurement in rivers and Bore wells

Specifications

- **Power Supply:** 14 - 30 VDC
- **Temperature:** 0 to 70°C
- **Measuring Range:** Up to 20 m of WC
- **Output Signal:** 4 - 20 mA
- **Accuracy:** +/- 0.5% FSD



Rate of Flow, 104ROF Loss of Head , 104LOH

Product Features

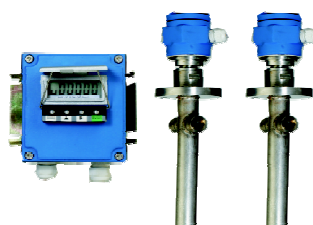
- Two wire
- Low cost solution for filter beds
- No site Calibration required
- All still pipes & accessories for fitment are supplied
- Higher accuracy with multipoint calibration
- All entries are protected through password in EEPROM
- Self diagnostic function i.e. error message on display

Applications

- 104 LOH**
 - Differential Level Measurement (Loss of Head) for water in filter beds
- 104 ROF**
 - Measurement of flow rate in the inlet or outlet of filter house or filter beds, effluent treatment plants & other similar applications
 - Open channels

Specifications

- **Power Supply:** 24 VDC
- **Accuracy:** ± 2% of probe length
- **Display:** 6 digit LCD display
- **Temperature:** 0 to 60°C(Max.)
- **Pressure:** Atmospheric
- **Cable Entries:** 1/2" NPT or 3/4" UNF(F)



Capacitance 103CLT

Product Features

- Two wire transmitter
- Level to Volume conversion with strap
- Wide range of electrodes to suit various duties
- Programming and calibration in sealed condition of unit
- Higher accuracy for multipoint calibration
- Up to 10 point calibration is possible
- Remote as well as integral versions are available
- Two version for conductive and Non-conductive liquids
- IS version available

Applications

- Power plants
- Refinery
- Petrochemical plants
- Chemical plants
- Turbine cooling systems in power plants
- Raw / Pre Water treatment plants
- Effluent treatment plants
- Sewage treatment plants

Specifications

- **Power Supply:** 24 VDC
- **Temperatures:** 0°C to 55°C
- **Humidity:** 0-95% max.
- **Display:** 6 digit LCD Display
- **Accuracy:** ± 2% of FSD
- **Protection:** IP67

