

Specifications

The HL 200 is suitable for the continuous hydrostatic level (depth) measurement of water.

It uses a high quality silicon piezoresistive sensor chip, packaged in a rugged 316L Stainless Steel isolated housing, which gives high accuracy over a wide temperature range, excellent repeatability and very long term stability.



Features

- > Measuring ranges from 0 1 mWG to 0 100mWG (Gauge)
- > Accuracy: + / 0.2% FS
- > Calibrated and Temperature compensated
- > 316 Stainless Steel Construction
- > Silicon Piezoresistive Sensor
- > Output 4...20mA (2 wire)
- > Supply Voltage 8-30 V dc
- > Various Cable Lengths (Waterproof PUR Sheath Vented)
- > IP68 Protection
- > Operational Temperature -20°C to +70°C

Applications

- > River and Lake level
- > Tank Level
- > Borehole Level
- > Aquifer Level
- > Environmental Monitoring

Mechanical Stability

 Shock
 100g / 10ms

 Vibration
 10g 20 to 2000Hz

Weight

Transmitter 275g including Blue Nose Cable Approx 50g per metre

Materials

Housing 316L Stainless Steel

'O' Rings Viton

Diaphragm 316L Stainless Steel

Protective Blue Nose Acetal Cable Cover Acetal

Cable Sheath PUR (Polyurethane)



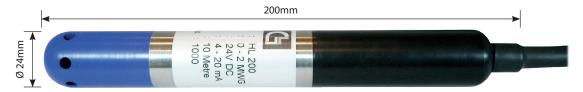
CE Conformity

EN 61000 - 6 - 2: 2005 EN 61000 - 6 - 3: 2007 + A1: 2011

Cable Connections

2 wire (4...20 mA) + ve Supply Red - ve Supply Blue Gnd Green

Dimensions



Ordering Information

| | Model | Range (mWG) | Cable Length (m) |
|-----|--------|-------------|------------------|
| e.g | HL 200 | 2 | 10 |