

Depth Pressure Gauge



Qteq's Depth Pressure Gauge is a field-proven reliable means to monitor aquifer trends. The use of micromachined silicon technology and analogue circuitry enables best in class performance for stability, low power and frequency response.

The combination of a high technology sensor, together with advanced signal conditioning and packaging techniques, provides an ideal long term solution for reliable, accurate and economical measurements.



Features and Benefits

- Full Scale ranges available from 1m water head up to 200m water head
- Stainless steel construction
- High over pressure capability
- Hazardous area certification available
- Improved accuracy available upon request
- Improved temperature compensation range available upon request

Specifications

Sensor Type	Piezo Resistive
Measurements	Pressure
Signal Type	Analogue
Communication Protocol	4-20 mA
Proof Pressure	2000 kPa
Pressure Range	Full Scale ranges from 1 mH ₂ O to 200 mH ₂ O
Pressure Accuracy	± 0.2% FS BSL
Over-Pressure	4x FS
Compensated Temperature Range¹	-10 °C to 50 °C
Long Term Stability	± 0.05% FS typical per year
Power-Up Time	10 ms
Material	316L stainless steel
Outside Diameter	25mm
Length	146mm
EEHA Certification (optional)	IECEX Intrinsically safe 'ia' Group IIC Ex ia IIC T5 Ga (-40°C ≤ Ta ≤ +80°C)
General Certifications	RoHS 2002/95/EC

¹ Increased compensated ranges available upon request