

# 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
- Vented design and cable provide automatic barometric correction
- Stainless steel construction
- High over pressure capability
- Hazardous area certification available
- Improved accuracy available upon request
- Improved temperature compensation range available upon request

## Specifications

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

<sup>1</sup> Increased compensated ranges available upon request