

DELTA P

Piezometric sensor



Product description

The P probe precisely measures **changes in groundwater level**. It incorporates a chamber with an atmospheric pressure compensation system, ensuring reliable and stable readings over time, regardless of external conditions.



- ✓ Remote
- ✓ Continuous
- ✓ Wireless
- ✓ Battery life from 1 to 7 years*



Technical specifications

MAIN CHARACTERISTICS

Measurement type	Groundwater level variations
Housing dimensions	Ø 5 x 21 cm
Probe dimensions	Ø 2 x 17 cm
Weight	333 g (excluding cable)
Battery life	1 to 7 years* 3.6 V battery - 17 Ah <i>*depending on the measurement interval and network used</i>
Communication	Bluetooth & LPWAN radio

ACCURACY AND PERFORMANCE

Measurement interval	10 minutes to 24 h
Measurement range	0 - 10 m or 0 - 20 m <i>Probes with a 10 or 20 m measuring range come with a corresponding 10 or 20 m cable. Other lengths are available on request.</i>
Probe accuracy	< 0.3 % PE
Temperature accuracy	± 1 °C
Resolution	0.1 mm (water level) - 1 °C (temperature)
Temperature drift	(0 ° to 40 °C) < ± 0.03 % PE / °C
Pressure compensation	Built into the housing

MEMORY AND STORAGE

Internal memory	250,000 measurements
Remote storage	Radio data transmission via Sigfox <i>LTE-M coming soon</i>

OPERATING CONDITIONS

Operating temperature	-20 °C to +60 °C (in liquid phase)
Protection	IP68
Mounting	Mounting inside a piezometric tube Inner diameter ≥ 51 mm Optional protection with an enclosure or lockable access cover

NEED INFORMATION?

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