

DELTA X-P

Connected piezometric sensor

Product description

The DELTA X-P is supplied with a submerged piezometric level probe designed to monitor **changes in groundwater level**.

The piezometric probe features a reinforced cable and a watertight connector. It also incorporates an atmospheric pressure compensation system.



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



Technical specifications

MAIN FEATURES

Measurement types	Groundwater level and temperature monitoring
Probe dimensions	Ø 21.4 mm ±0.1 mm, length 170 mm ±0.2 mm
Battery life	From 1 to 7 years* II 3.6 V - 17 Ah battery <i>*Depending on the measurement interval and network used</i>
Communication	Bluetooth & LPWAN radio

ACCURACY AND PERFORMANCE

Measurement frequency	From 10 minutes to 24 hours
Measuring range	0 - 10 m or 0 - 20 m
Temperature drift	(0 °C to 40 °C) < ± 0.03 % FS / °C
Probe accuracy	≤ 0.3% FS
Temperature accuracy	± 1 °C
Resolution	0,1 mm – 1 °C (temperature)
Pressure compensation	Integrated into the housing

MEMORY AND STORAGE

Internal memory	250,000 measurements
Remote Storage	Radio data transmission via Sigfox LTE-M coming soon

OPERATING CONDITIONS

Operating T°	-20°C to +60°C (in liquid phase)
Protection rating	Housing protection — IP66 Probe protection — IP68
Additional features	Atmospheric pressure compensation system Optional protective enclosure

NEED MORE INFORMATION?

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