PRODUCT DATA SHEET

DELTA X-P

Piezometric sensor

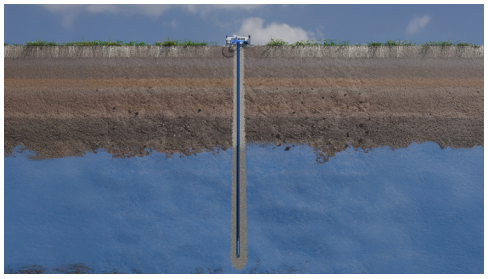
Product description

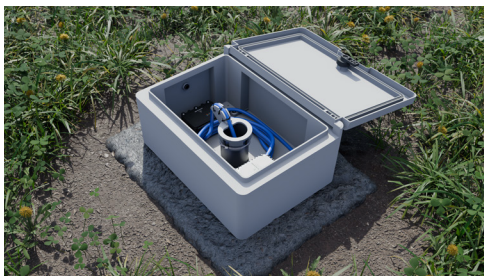
The DELTA X-P sensor is supplied with a submerged piezometric level probe to **monitor changes in groundwater levels.** The piezometric probe has a reinforced cable with a waterproof connector and an atmospheric pressure equalization system.



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







NEED MORE INFORMATION?

contact@feelbat.fr

Technical specifications

MAIN SPECIFICATIONS

Type of measurement	Groundwater level monitoring
Probe dimensions	Ø 2 x 17 cm
Enclosure dimensions	9 x 8 x 5 cm
Weight	277 g (enclosure) + 192 g (excl. cable)
Battery life	1 to 7 years* ll Battery 3.6 V - 17 Ah **depending on measurement interval and network used*
Communication	Bluetooth & LPWAN radio

ACCURACY AND PERFORMANCE

Measurement interval	10 minutes to 24 h
Measurement range	0 - 10 m or 0 - 20 m *Probes with a measuring range of 10 or 20 m are supplied with a cable of the corresponding length (10 or 20 m). Other lengths are available upon request.*
Probe accuracy	< 0.3 % FS
Temperature accuracy	± 1 °C
Resolution	0.1 mm (water level) - 1 °C (temperature)
Temperature drift	(0 °C to 40 °C) < ± 0.03 % FS / °C
Pressure compensation	Integrated into the enclosure

MEMORY AND DATA STORAGE

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

OPERATING CONDITIONS

Operating temperature	-20 °C to +60 °C (in liquid phase)
Enclosure protection	IP66
Probe protection	IP68
Additional features	Atmospheric pressure equalization system Optional protective enclosure