PRODUCT DATASHEET

DELTA X-HS

Soil moisture sensor

Product description

The DELTA X-Hs is a connected sensor with an electronic probe. Together, they **measure changes in soil moisture** with high accuracy and autonomy.



- ✓ Remote monitoring
- ✓ Continuous monitoring
- ✓ Wireless
- ✓ 1 to 7 years' battery life*







NEED MORE INFORMATION?

contact@feelbat.fr

Technical specifications

KEY FEATURES

Measurements	Soil moisture and temperature
Probe dimensions	18 x 3 x 1 cm
Unit dimensions	9 x 8 x 5 cm
Weight	277 g (unit) + 251 g (probe)
Cable length	10 m **cable extension available*
Battery life	1 to 7 years* || 3.6 V - 17 Ah battery **depending on the measurement interval and network used*
Communication	Bluetooth & LPWAN radio

ACCURACY AND PERFORMANCE

Measurement interval	10 minutes to 24 h
Measurement range	0 to 60% VWC (up to 100% with limited accuracy)
Accuracy	3% up to 50% VWC (Volumetric Water Content) Moderate salinity and mineral soil
Temperature accuracy	±1 °C
Resolution	1% (VWC) - 1 °C (temperature)

MEMORY AND STORAGE

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

OPERATING CONDITIONS

Operating temperature	-20 °C to +60 °C
Unit protection	IP66
Probe protection	IP68

Watch the RGA video (clay shrink-swell)