GEOsniff® LOC
DATA SHEET

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Cable connection or wireless (optional)
Integrated orientation sensors and energy storage in wireless version
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Professional software for evaluation of measurement data

GEOsniff® LOC (Patent pending)

Wireless or wired sensor for insertion into the geothermal probe and measuring a high-precision geothermal course profiles in a 3D coordinate system. The evaluation of the measurement data takes place with a professional software.

Field of application	Course measurement of geothermal probes wired and wireless for the initial measurement, validation afterwards or the probe removal
Design	Waterproof sensor housing, wired version with PTFE data cable
Measuring principle	Sensor is inserted into the geothermal probe to the lowest point. Meanwhile the course of the probe is measured. After the measurement, the data gets evaluated and visualized the location in the 3D coordinate system
Measuring cycle	Manually, duration of the measurement depends on lenght of geothermal probe
Integrated measuring sensors	MEMS orientation sensors
EWS connection properties	Application to open geothermal probe
Online connection and interfaces	Direct evaluation by software
Power supply	Direct supply via power supply, wireless with integrated energy storage
Pressure resistance	45 bar
Dimensions / Weight	Ø19 x 45 mm / approximately 12 g

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