

Reed Switch Probe

The Geosense® Reed Switch Probe is used to determine the location of magnetic sensors in magnetic settlement systems



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Overview



The Geosense® Reed Switch Probe is used to determine the location of magnetic sensors in magnetic settlement systems.

When the reed switch passes through a magnetic field, it closes, completing a circuit and a buzzer is activated.

The elevation of the magnet target is read directly from the tape.

APPLICATIONS

Tunnels including NATM

Mines

Dams

Bridge Abutments

Retaining Walls

Rock Formations

Foundations

FEATURES

Simple & robust construction

Replaces system anchor

No extra borehole required

Automatic data acquisition possible

250kN capacity

Range ± 10 mm

50mm drilling diameter

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Specifications

GENERAL

Probe diameter	14 mm
Probe length	150 mm
Probe material	Austenitic stainless steel
Tape type	Steel mm markings
Tape width	11.5 mm
Tape coating	Polyethylene
Tape lengths	30, 50, 100, 150, 200 metres*
Reel type	Polypropylene
Reel diameter	230 mm
Audible Indicator	88 dB(A) buzzer
Visual indicator	Red LED
Power	9 volt PP3 battery
System precision	± 3 to 5mm
* special lengths available on request	



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