

## NOVA - TRF100

### Wire Crackmeter



Wire displacement sensors are used to identify and check for any movements occurring in landslides or rock masses unstable. The tool is essentially made up from a box containing a potentiometer rotary and a tensioner for the steel cable and at the other end by an anchor to be fixed to the second reference point. A steel cable is stretched with constant tension between the two points of instrument reference. The length maximum of the steel cable can reach up to 10 meters.

### APPLICATIONS

- Monitoring of large joints and fissures
- Testing of floors and roofs
- Monitoring of surface landslides
- Convergence measures

### MAIN FEATURES

- Reliability even for prolonged monitoring over time
- High resolution and accuracy
- Degree of protection IP67
- Robust construction and also suitable for harsh environments
- Quick installation

### TECHNICAL FEATURES

• Sensor type:	Potentiometer
• Measurement Range:	from 50 mm 1250 mm
• Resolution:	infinite
• Linearity:	< 0.25% F.S.
• Total accuracy:	< 0.5% F.S.
• Operative temperature:	-20.....+80 °C
• Output signal:	4-20 mA, 2 wires
• Supply voltage:	5-30 Vdc

• Protection:	IP65
• Dimensions:	150X60X60 mm
• Material:	Aluminium

## ACCESSORIES

- Fixing accessories
- Invar steel extension cable
- IP66 connector