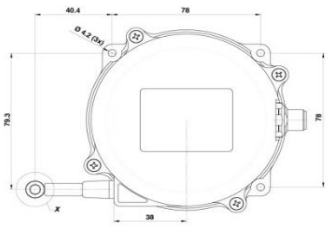
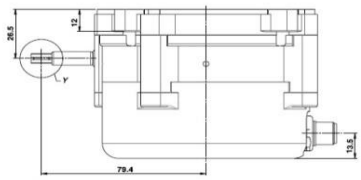
WIRE CRACK METER

TECHNICAL FEATURES

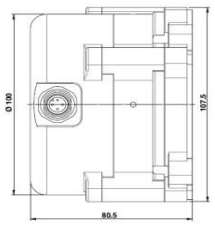
- ✓ Type of sensor: rotary potentiometer;
- ✓ Accuracy: +/- 0.1% F.S.;
- ✓ Linearity: +/- 0.5 % F.S.;
- ✓ Resolution: virtually infinite;
- ✓ Output signal: 4-20 mA;
- ✓ Measuring range: 1800, 2300, 3300, 4300, 4800, 5300, 6300, 7300, 8000, 8300;
- ✓ Power supply: +10...30 VDC;
- ✓ Protection level: IP 67;
- ✓ Operating temperature:-40°/+85°C;
- ✓ Wire: AISI 316 stainless steel nylon coated;
- ✓ Case material: PBT;
- ✓ Wire tension: 6.4 N (+/- 30%);
- ✓ Shock: 50 G, 11 m/s.



longitudinal section



top view



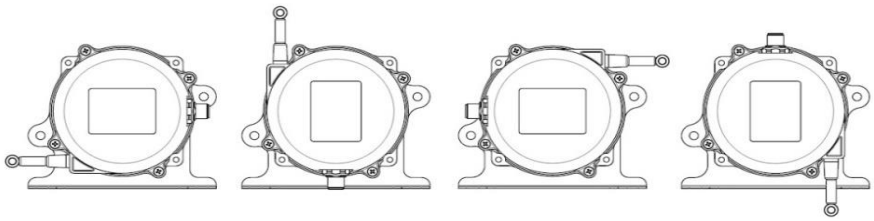
Cross section

product compliant with European directives

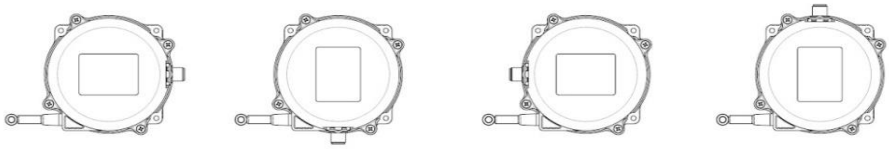
The wire crack meter consists of a sturdy case in polymer designed to withstand hits in harsh environments and conditions. Each sensor is provided with a mounting bracket to fit all types of installations (see the figure).
Measuring length available from 1800 mm to 8300 mm. Ideal for monitoring unstable slopes and rocks, faults, brickwork.
Technically, any movement of the steel wire anchoring point, which is tensioned through a device applying about 6.4 N force, causes a variation in the electrical signal proportional to the displacement of the wire itself.

	DIMENSIONS
case dimensions	142 x 80.5 x 100 mm
wire dimension	0.85 mm

Possible configuration of the sensor on the mounting bracket,



Possible configuration of the M12 connector on the sensor's case.



We reserve the right to carry out modifications to our products and their specifications without