

TECHNICAL FEATURES

- ✓ Type of sensor: linear potentiometric;
- ✓ Resolution: virtually infinite;
- ✓ Accuracy: 0,1% FS;
- ✓ Output signal: 0-5 VDC, 4-20 mA (with signal converter);
- ✓ Operating temperature: from -30° C to + 100° C;
- ✓ Material: AISI 304 stainless steel;
- ✓ Protection class: IP 67.



Monitoring in 3 dimensions of space.



Crack meters various sizes

CE product compliant with European directives

The electric crack meter is used for continuous measurement of the evolution of structural joints, cracks and joints in concrete works.

The instrument consists of displacement transducer a cylindrical body inside which the displacement transducer is housed, connected to a sliding rod, which translates the movements (widening or narrowing) of the crack to be monitored into an electrical signal.

The two ends of the sensor are fixed through dowels, across the same slot.

It can have different measuring ranges depending on the type of application.

To evaluate the three-dimensional movement of the crack, the crack meter can be installed in the three main directions. (x-y-z).

ELECTRICAL AND DIMENSIONAL SPECIFICATIONS

measuring range (mm)	25	50	100	150
resistance (k Ω)	1	2	4	6
maximum supply voltage (V)	20	40	60	60
compressed length (mm)	200	275	360	475
extended length (mm)	225	325	460	625
body diameter (mm)	16			
head diameter (mm)	8			
material	AISI 304			
weight (gr)	125	185	270	350