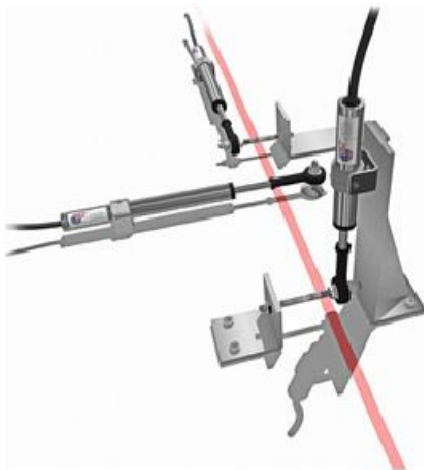


## TECHNICAL FEATURES

- ✓ Type of sensor: linear potentiometer
- ✓ Resolution: virtually infinite
- ✓ Accuracy: +/- 0,01% FS
- ✓ Output signal: 0-5 VDC, 4-20 mA (with signal converter)
- ✓ Operating temperature: -30° C + 100° C
- ✓ Material: stainless steel AISI 304
- ✓ Protection class: IP 67



Three-dimensional monitoring of a crack. Installation in three main direction of space.



Crack meters from 100 and 150 mm

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

The tool is constituted of a cylindrical body inside which is housed the displacement transducer and a sliding rod connected to the same transducer translates the movements (widening or narrowing) of the slot to be monitored into an electrical signal. The two ends of the sensor are fixed,

by means of blocks, straddling the same crack.

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

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

## DIMENSIONAL AND ELECTRICAL SPECIFICATIONS

measuring range (mm)	25	50	100	150
resistance (kΩ )	1	2	4	6
maximum power 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