

# Precision Fissurometer

Typ GFD

Art.-No. 66.01..



The Precision Fissurometer GFD is used to measure minor deformations with a high degree of accuracy. Typical applications are the monitoring of joints, cracks or fissures on buildings and structural elements. This Fissurometer uses a linear potentiometer with virtually infinite resolution. Thanks to the highly precise manufactured stainless steel housing the electronics are well protected against dust, splash water and also short term pressurized water. The design of the GFD provides different variations which allow a universal use with mounting elements that are optimized for each application.

## TECHNICAL DATA

|                          |                               |
|--------------------------|-------------------------------|
| Measuring range:         | 10 mm                         |
| Linearity:               | $< \pm 0,5 \%$                |
| Resolution:              | 0,001 mm (virtually infinite) |
| Repeatability:           | 0,01 mm                       |
| Resistance $\pm 15 \%$ : | 0,4 kOhm $\pm 15 \%$          |
| Power dissipation:       | 0,2 W to 20°C                 |
| Applied voltage maximum: | 8,9 Vdc                       |
| Operational temperature: | -30 °C to +70 °C              |
| Protection class:        | IP 68                         |