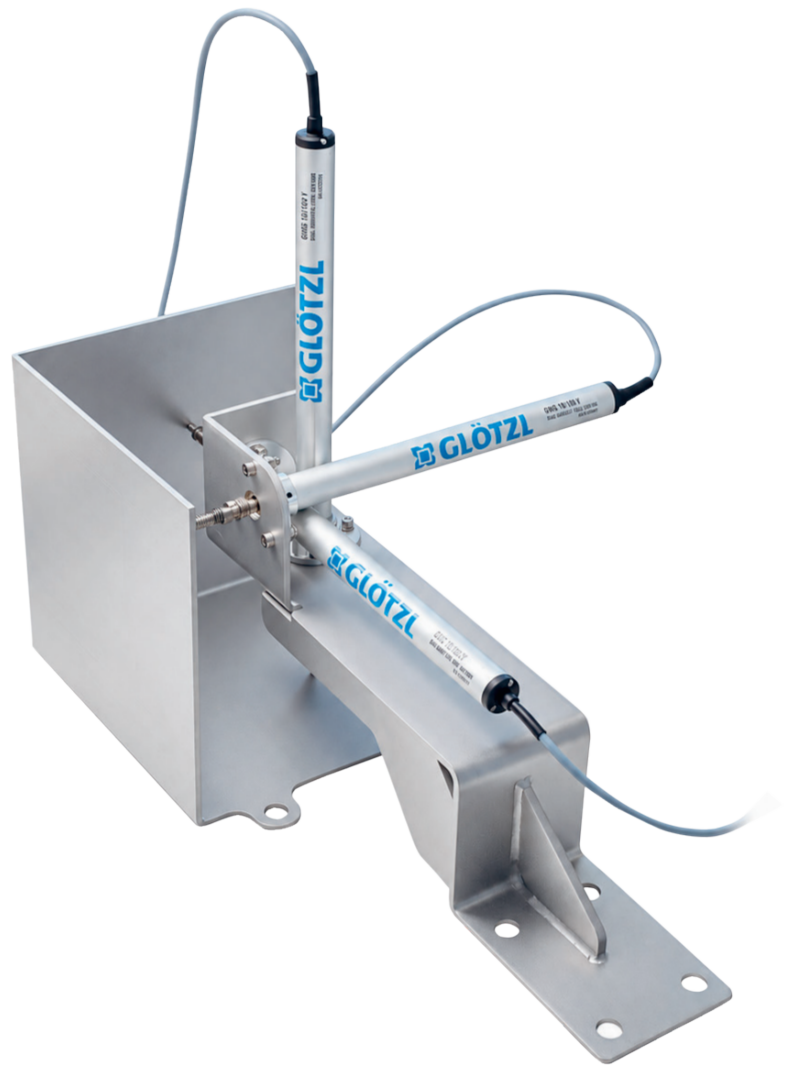


Fissurometer

Type F 3D/100

The F 3D/100 is a three-dimensional fissurometer (also crackmeter or jointmeter) to measure the spatial displacement of two construction parts relative to one another. It consists of an angled sheet metal and a bracket with three displacement transducers. The angled sheet metal is mounted on one side of the joint or crack and the bracket on the opposite side. Installation is carried out using a customized drilling template to ensure precise positioning and accordance with the specified measurement ranges for each axis.

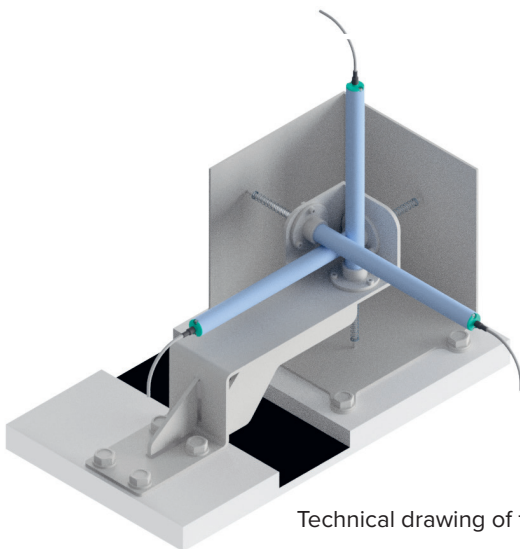


TECHNICAL DATA

Dimensions (L × W × H)	450 × 400 × 400 mm
Material (assembly kit)	Stainless steel (1.4301)
Material (transducer)	Stainless steel, Aluminum
Measuring range	± 50 mm (0–100 mm)
Linearity	± 0.1 % FS
Repeatability	0.01 mm
Resolution	Theoretical infinite
Resistance	4 kΩ
Operating temperature	–30 °C to +100 °C
Protection class	IP60

Features

- Spring-loaded displacement transducer
- Wide measuring range for large displacements
- High accuracy thanks to excellent linearity and precision
- Ball tip to compensate transversal forces
- Customized drilling templates for precise setup



Technical drawing of fissurometer F-3D/100