

# GLÖTZL Baumeßtechnik

## MEASURING HEAD with DISTANT READING (displacement transducer) for measuring anchor MA25

Type: MF4/10-MA25

Art. No: 92.01.21

### General



The standard measuring head of the measuring anchor MA25 (see figure 1) with its fourfold bars can optionally be equipped with a measuring head for distant reading with miniature displacement transducers. The mounting housing has a diameter of 50 mm, the overall length is 210 mm (see figures 2 and 3). For remote measurement, potentiometric displacement transducers with a measuring distance of 10 mm are used. Connection of the displacement transducers to a connection box for manual measurement (FMG), or to an automatic measuring device (e.g. MDL41) is done by a collecting cable 12 x 0.5 mm<sup>2</sup>.

Figure 1: Standard measuring head MA25 for measurement with a dial gauge

### Assemblage of the measuring system

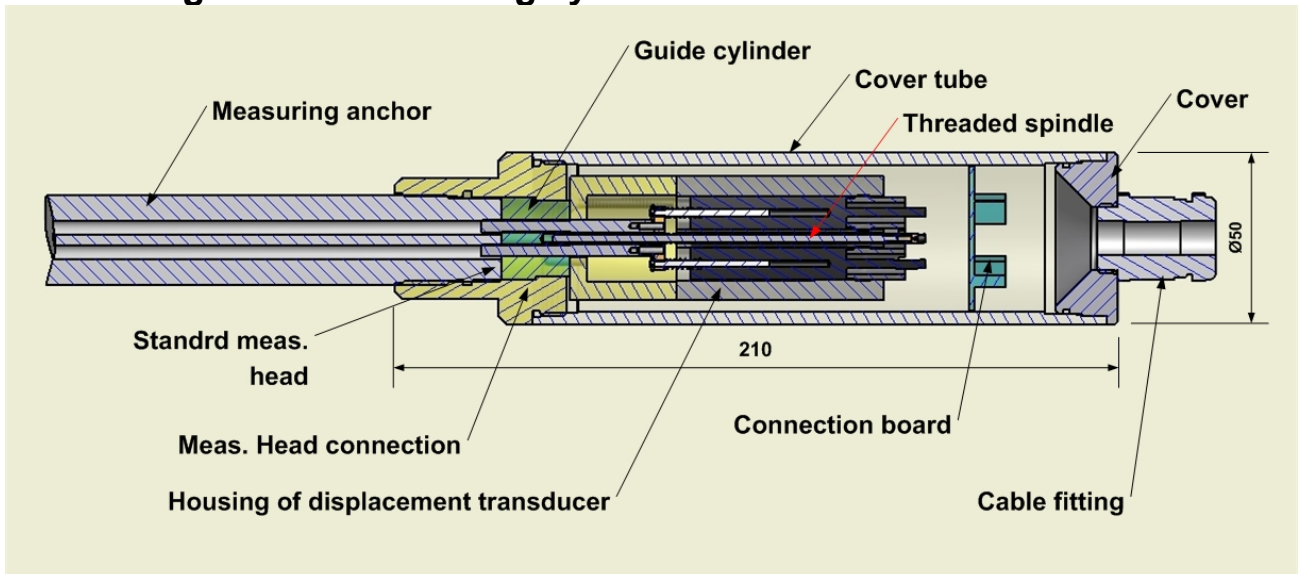


Figure 2: Assemblage of measuring head with distant reading (cross section)



Figure 3: Measuring head with distant reading, completely mounted

# Displacement transducer GWD 10/10, Art. No.: 65.30.01

## Technical data

Potentiometric displacement transducer, potential divider, 3-conductor

Resolution	max. 0.001 mm
Reproducibility	<0.01 mm
Supply	1 up to 5 V <sub>DC</sub> , constant
Measuring output	mV/V

## Dimensions

Diameter	10 mm
Overall length	45.5 mm
Measuring length	10 mm (optional 20 or 30 mm)



Figure 4:  
Displacement transducer,  
type GWD10/10

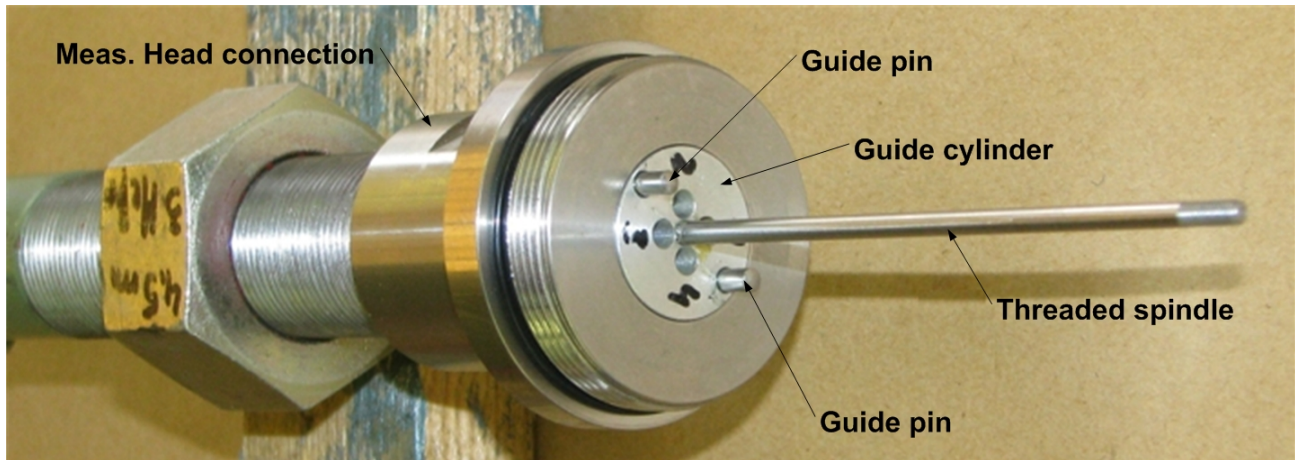


Figure 5: Measuring head connection with guide cylinder and threaded spindle before assembly  
The guide cylinder is attached to the standard measuring head by guide pins.



Digital indicating instrument for two measuring channels, type FMG01-2



Automatic micro measuring station,  
type MDL41/20

Subject to technical alterations