



Inductive length measuring probe, axial, Type: GT21M



Order data

Order number	434775 GT21M
GTIN	2050001949950
Item class	45A

Description

Version:

Versatile precision length measurement probe.

- **Precision ball-bearing longitudinal measuring pin.**
- **High precision due to electronic measurement signal amplification.**
- **Clamping shank \varnothing 8 mm, can be clamped on the entire length.**
- **Due to ball bearings, resistant to fluctuations in temperature and lateral forces.**
- **Outstanding electro magnetic screening.**

The TESA length measurement probe is characterised by excellent repeatability, consistency and a long working life. Compatible with Mahr display units.

Function:

IP65: Protected against jets of water from all directions and protected against penetration by dust (dust-tight), also completely protected against touching.

Application:

Universally applicable for all high precision measurement tasks, particularly in workshop and manufacturing shop areas.

Optional extras:

Measuring tips, measuring force springs.

Calibration: Price on request

IP Index of Protection: IP 65

Measuring range: ± 1 mm

Repeatability: $0.01 \mu\text{m}$

Linearity error limit (L = meas. length in mm): $0.2 + 3 \times L^3 \mu\text{m}$

Compatibility: Mahr

Measuring force at electrical zero: 0.63 N

Technical description

Measuring force at electrical zero	0.63 N
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Compatibility	Mahr
Manufacturer's designation	GT21M
Measuring range	±1 mm
Repeatability	0.01 µm
Linearity error limit (L = meas. length in mm)	$0.2 + 3 \times L^3 \mu\text{m}$
Measurement pin lifting	mechanical
Contact point travel	4.3 mm
Protective bellows	Nitrile
IP Index of Protection	IP 65
Calibration	Price on request
Type of product	Inductive length measuring probe

Services

Labelling laser-etched Type	018940
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