



Inductive length measuring probe, axial Pack of 10 pcs., Type: GT21M



Order data

Order number	434776 GT21M
GTIN	2050001949967
Item class	45A

Description

Version:

Versatile precision length measuring probes.

- **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.

Supplied with:

Pack of 10 × contact points No. 434775.

Optional extras:

Measuring tips, measuring force springs.

Technical description

Manufacturer's designation	GT21M
Measuring force at electrical zero	0.63 N
Measuring range	± 1 mm
Repeatability	0.01 μ m

Compatibility	Mahr
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	Probes