



## Inductive length measuring probe, axial, Type: GT61



### Order data

Order number	434783 GT61
GTIN	7630041112603
Item class	45A

### Description

#### Version:

Contact points **with large measuring range**.

Versatile precision length contact point.

- **Precision ball-bearing longitudinal measuring pin.**
- **High precision due to electronic measurement signal amplification.**
- **Clamping shank Ø 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.

#### Advantage:

The Viton protective bellows renders the probe particularly suitable for applications involving coolants and lubricants. Particularly suitable for multi-location measurement devices.

#### 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.

IP Index of Protection: IP 65

Measuring range:  $\pm 5$  mm

Repeatability:  $0.05 \mu\text{m}$

Linearity error limit (L = meas. length in mm):  $1 + 4 \times L \mu\text{m}$

Compatibility: TESA

Measuring force at electrical zero:  $0.9 \text{ N}$

### Technical description

Repeatability	0.05 µm
Measuring force at electrical zero	0.9 N
Contact point travel	10.3 mm
Measurement pin lifting	mechanical
Protective bellows	Viton
Measuring range	±5 mm
Linearity error limit (L = meas. length in mm)	$1 + 4 \times L \text{ µm}$
Compatibility	TESA
IP Index of Protection	IP 65
Calibration	Price on request
Type of product	Inductive length measuring probe

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## Services

Labelling laser-etched Type	018940
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