



Inductive length measuring probe, axial, Type: GT21



Order data

Order number	434775 GT21
GTIN	7630041112351
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.

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: ± 1 mm

Repeatability: 0.01 μ m

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

Compatibility: TESA

Measuring force at electrical zero: 0.63 N

Technical description

Compatibility	TESA
Measuring range	± 1 mm

Repeatability	0.01 µm
Measuring force at electrical zero	0.63 N
Manufacturer's designation	GT21
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