



Inductive length measuring probe, plug-in, Type: 1300TA



Order data

Order number	434750 1300TA
GTIN	4059192016470
Item class	43A

Description

Version:

Inductive length measuring probe with Mahr or Tesa semi-base attachment compatibility. Very robust, on ball guides and shielded against EMC influences by nickel-iron alloy. Very high linearity over the entire measurement range. Integral cap allows angular setting of the cable. Compressed air connection 90°.

Function:

IP64: Protected against splashed 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.

Ideal for measuring devices - because the plug connection is directly on the probe.

Supplied with:

Operating instructions, connection cable (2.5m).

Optional extras:

Measuring force spring, extension cable.

Calibration: Price on request

IP Index of Protection: IP 64

Measuring range: ± 1 mm

Repeatability: $0.1 \mu\text{m}$

Deviation from linearity at ± 0.5 mm: $1 \mu\text{m}$

Deviation from linearity at ± 1.0 mm: $3 \mu\text{m}$

Compatibility: Tesa

Measuring force at electrical zero: 0.75 ± 0.15 N

Technical description

Measuring force at electrical zero	0.75 ±0.15 N
Repeatability	0.1 µm
Compatibility	Tesa
Measuring range	±1 mm
Deviation from linearity at ± 0.5 mm	1 µm
Deviation from linearity at ± 1.0 mm	3 µm
Manufacturer's designation	P 1300TA
IP Index of Protection	IP 64
Calibration	Price on request
Type of product	Inductive length measuring probe

Services

Labelling laser-etched Type	018940
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