



Inductive length measuring probe, Type: 2004M



Order data

Order number	434760 2004M
GTIN	4059192055042
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. Angular cap for radial cable exit.

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.

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: ± 2 mm

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

Deviation from linearity at ± 0.5 mm: $0.4 \mu\text{m}$

Deviation from linearity at ± 1.0 mm: $1.5 \mu\text{m}$

Compatibility: Mahr

Measuring force at electrical zero: 0.75 ± 0.15 N

Technical description

Measuring force at electrical zero	0.75 ± 0.15 N
------------------------------------	-------------------

Deviation from linearity at ± 1.0 mm	1.5 μm
Measuring range	± 2 mm
Compatibility	Mahr
Repeatability	0.1 μm
Deviation from linearity at ± 0.5 mm	0.4 μm
Manufacturer's designation	P 2004M
IP Index of Protection	IP 64
Calibration	Price on request
Type of product	Inductive length measuring probe

Services

Labelling laser-etched Type	018940
-----------------------------	--------

Accessories

Angled bracket for dial indicator 60° Clamping length 50 mm	434918 50
Angled bracket for dial indicator 45° Clamping length 25 mm	434917 25
Angled bracket for dial indicator 45° Clamping length 50 mm	434917 50
Angled bracket for dial indicator 60° Clamping length 25 mm	434918 25