

 Mahr

## 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.

Angular cap for radial cable exit. Integral cap allows angular setting of the cable.

**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.

### 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	Probes

---

## Accessories

Angled bracket for dial indicator60° Clamping length 50 mm	434918 50
Angled bracket for dial indicator45° Clamping length 25 mm	434917 25
Angled bracket for dial indicator45° Clamping length 50 mm	434917 50
Angled bracket for dial indicator60° Clamping length 25 mm	434918 25