

## Inductive Probe MillimarP2004

### Features

#### Product features:

- Models with or without compressed-air (pneumatic) lifter or vacuum retraction
- Measuring pin mounted in ball-bearing guide
- High linearity over the entire measuring range
- Excellent electromagnetic shielding (EMC)
- All probes can be easily converted from axial to radial by mounting a slip on cap, included in the scope of supply
- Chemical resistance data: resistant to oil, gasoline, water and aliphatics. Moderately resistant to acids, bases, solvents and ozone

#### Scope of delivery:

- Instruction manual
- cap for radial cable output
- Spanner for preliminary stroke setting

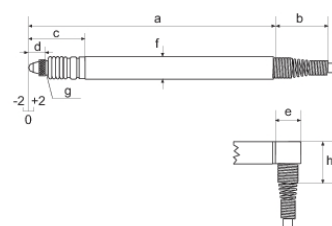


Order-No.: 5323011

### Technical Data

Measuring range from	-2 mm
Measuring range up to	2 mm
Distance of lower stop MIN	-2,2 mm
Distance of lower stop MAX	0 mm
Distance of upper stop MIN	2,2 mm
Distance of upper stop MAX	4,4 mm
Lifter / retraction	Standard model
Measuring force	0,75 N +/- 0,15 N
Increase in measuring force	0,2 N/mm
Sensitivity deviation	0,3 %
Repeatability fw ( $\mu\text{m}$ )	0,1 $\mu\text{m}$
Hysteresis fu ( $\mu\text{m}$ )	0,5 $\mu\text{m}$
Linearity deviation within +/- 0,5 mm	0,4 $\mu\text{m}$
Linearity deviation within +/- 1,0 mm	1,5 $\mu\text{m}$
Linearity deviation within +/- 2,0 mm	3 $\mu\text{m}$
IP protection category	IP 64
Cable length	2,5 m
Working temperature	20 °C
Working temperature MIN	10 °C
Working temperature MAX	55 °C
Operating temperature Min	-10 °C
Operating temperature Max	80 °C
Temperature coefficient	0,15 $\mu\text{m}/^\circ\text{C}$
Compatibility	Tesa

### Dimensions





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### Accessories

Bezeichnung	Typ	Artikel-Nr.
Extension cable 2.5 m	C2025 T	5323131
Extension cable 5 m	C2050 T	5323141
Extension cable 7.5 m	C2075 T	5323151
Extension cable 10 m	C2100 T	5323161
Measuring spring 0.75 N		7026849
Measuring spring 1.0 N		7025579
Measuring spring 1.25 N		7025505

