

# Product information

## Inductive probe Millimar P2004 TB

### Product features

- Models with or without pneumatic lifter or load
- Measuring pin mounted in rotary stroke bearing
- 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 aliphatic compounds.  
Moderately resistant to acids, bases, solvents and ozone

Item no.: **5323031**



### Package contains

test certificate, instruction manual, cap for radial cable output, spanner for preliminary stroke setting

### Technical data

<b>Measuring range from</b>	-2
<b>Measuring range up to</b>	2
<b>Distance of lower stop MIN</b>	-2.2
<b>Distance of lower stop MAX</b>	0
<b>Distance of upper stop MIN</b>	2.2
<b>Distance of upper stop MAX</b>	4.4
<b>Lifter / retraction</b>	Compressed air retraction (max. 1 bar)
<b>Measuring force (N)</b>	Depending upon air pressure
<b>Sensitivity deviation</b>	0.3
<b>Repeatability fw (µm)</b>	0.1
<b>Measuring value hysteresis fu (µm)</b>	0.5
<b>Linearity deviation within +/- 0,5 mm</b>	0.4
<b>Linearity deviation within +/- 1,0 mm</b>	1.5
<b>Linearity deviation within +/- 2,0 mm</b>	3
<b>IP protection category</b>	IP 64
<b>Cable length</b>	2.5
<b>Working temperature</b>	20
<b>Working temperature MIN</b>	10
<b>Working temperature MAX</b>	40
<b>Operating temperature Min</b>	10
<b>Operating temperature Max</b>	40
<b>Storage temperature MIN</b>	-10
<b>Storage temperature MAX</b>	80
<b>Temperature coefficient</b>	0.15
<b>Compatibility</b>	Tesa

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### Dimensions

