

# Product information

## Inductive probe Millimar P2104 TA

### Product features

- Models with pneumatic lifter or vacuum retraction
- 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.: 5324071

### 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 upper stop MIN</b>	8.4
<b>Distance of upper stop MAX</b>	10.4
<b>Distance of lower stop MIN</b>	-2.2
<b>Distance of lower stop MAX</b>	0
<b>Lifter / retraction</b>	Vacuum lifter
<b>Measuring force (N)</b>	0,75 N +/- 0,15 N
<b>Increase in measuring force</b>	0,1 N/mm
<b>Sensitivity deviation</b>	0.3
<b>Repeatability fw (µm)</b>	0.2
<b>Measuring value hysteresis fu (µm)</b>	1
<b>Linearity deviation within +/- 0,5 mm</b>	0.5
<b>Linearity deviation within +/- 1,0 mm</b>	2
<b>Linearity deviation within +/- 2,0 mm</b>	4
<b>IP protection category</b>	IP 64
<b>Cable length</b>	2.5
<b>Reference temperature</b>	20
<b>Working temperature MIN</b>	10
<b>Working temperature MAX</b>	40
<b>Operating temperature from</b>	10
<b>Operating temperature up to</b>	40
<b>Storage temperature MIN</b>	-10
<b>Storage temperature MAX</b>	80
<b>Temperature coefficient</b>	0.15
<b>Compatibility</b>	Tesa

# Product information

## Inductive probe Millimar P2104 TA

### Dimensions

Dimensions e in mm	9.2
Dimension j in mm	3.6
Dimension l in mm	8.3
Dimensions h in mm	14
Dimension k in mm	9
Dimensions b in mm	28
Dimensions a in mm	128.7
Dimensions f in mm	8
Dimensions i in mm	26.5
Dimensions c in mm	37
Dimension m in mm	12.5
Dimensions d in mm	6

