

# Product information

## Inductive probe Millimar P2010 MA

### 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.: 5324020

### Technical data

#### Package contains

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

<b>Measuring range from</b>	-5
<b>Measuring range up to</b>	5
<b>Distance of lower stop MAX</b>	-5.3
<b>Distance of upper stop MAX</b>	5.3
<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 +/- 2,0 mm</b>	4
<b>Linearity deviation within +/- 5,0 mm</b>	20
<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>	Mahr VLDT

### Dimensions

