

# Product information

## Inductive probe Millimar P1300 MA

### Product features

- Mahr compatibility
- Proven Mahr half-bridge technology
- Very easy to service: cables and probes can be separated via the plug-in connector
- Easy to convert to pneumatic lifting
- Measuring pin mounted in rotary stroke bearing
- Chemical resistance data: resistant to oil, gasoline, water and aliphatic compounds. Moderately resistant to acids, bases, solvents and ozone



Item no.: 4400180

### Package contains

test certificate, instruction manual, spanner for preliminary stroke setting, hose connector for compressed air

### 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>	Vacuum lifter (standard option)
<b>Measuring force (N)</b>	0,75 N +/- 0,15 N
<b>Increase in measuring force</b>	0,3 N/mm
<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>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 half-bridge

### Dimensions

