

Product information

Inductive probe Millimar P2004 MB

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.: 5323030



Package contains

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

Technical data

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

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Dimensions

