

Product information

Inductive probe Millimar P2004 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.: 5323020

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 upper stop MIN	2.2
Distance of upper stop MAX	4.4
Distance of lower stop MIN	-2.2
Distance of lower stop MAX	0
Lifter / retraction	Vacuum lifter
Measuring force (N)	0,75 N +/- 0,15 N
Increase in measuring force	0,2 N/mm
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
Reference temperature	20
Working temperature MIN	10
Working temperature MAX	40
Operating temperature from	10
Operating temperature up to	40
Storage temperature MIN	-10
Storage temperature MAX	80
Temperature coefficient	0.15
Compatibility	Mahr VLDT

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Dimensions

Dimensions e in mm	9.2
Dimension j in mm	3.6
Dimension f in inches	0.315
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	88.7
Dimensions f in mm	8
Dimensions i in mm	26.5
Dimensions c in mm	21.3
Dimension m in mm	12.5
Dimensions d in mm	6

