

Product information

Inductive probe Millimar P1300 MB

Product features

- Mahr compatibility
- Proven Mahr half-bridge technology
- with compressed-air push
- Very easy to service: cables and probes can be separated via the plug-in connector
- 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.: 4400181

Package contains

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

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	Pneumatic jacking (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
Operating temperature Min	10
Operating temperature Max	40
Storage temperature MIN	-10
Storage temperature MAX	80
Temperature coefficient	0.15
Compatibility	Mahr half-bridge

Dimensions

