

Electronic length measuring probe with half bridge series 1300

Universal length measuring probe series 1300 for a variety of standard applications.



Application:

Suitable for a wide variety of standard applications in multi-point measuring technology. Can also be used as an alternative to dial gauges or precision pointers in measuring instruments such as internal precision measuring instruments, precision pointer snap gauges, etc.



Execution:

- Precise, ball-guided measuring pin
- Clamping shaft diameter 8 mm can be clamped along entire length
- Cemented carbide gauge slide M2.5 with 3 mm ball diameter
- 5-pin plug in line with IEC 130-9, cable length 2.5 m

Advantage:

- With cable plug for easy servicing
- Excellent electromagnetic shielding

Art. no.	39655 710
Brand	MAHR
Manufacturer Part Number	4400181
Model	P 1300 MB
Compatibility length measurement scanner	MAHR
Max. spindle travel	4.4 mm
Measuring range of electronic length measuring technology	+/- 2 mm
Spindle lift	Automatic due to spring return
Measuring pin adjustment	Compressed air
Cable output direction	Axial
Material of bellow	FPM natural fluororubber
Measuring span of electronic length measuring technology	4 mm
Repetition standard deviation acc. to DIN 1319	0.1 µm
Front end position of spindle	-2.2 mm
Linearity deviation in the range +/- 0,5 mm	0.4 µm
Linearity deviation in the range +/- 1,0 mm	1.5 µm
Linearity deviation in the range +/- 2,0 mm	3 µm
Sensitivity deviation	0.3 %
Cable length	2.5 m
Measuring force dependence	Depending on compressed air
Reversal error	0.5 µm
Gross Weight	0.172 kg
Product Group	306

EAN

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