

## 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

<b>Art. no.</b>	<b>39655 705</b>
<b>Brand</b>	MAHR
<b>Manufacturer Part Number</b>	4400182
<b>Model</b>	P 1300 MA without cable
<b>Compatibility length measurement scanner</b>	MAHR
<b>Max. spindle travel</b>	4.4 mm
<b>Measuring range of electronic length measuring technology</b>	+/- 2 mm
<b>Spindle lift</b>	Manual, Vacuum
<b>Measuring pin adjustment</b>	Spring force
<b>Material of bellows</b>	FPM natural fluororubber
<b>Measuring span of electronic length measuring technology</b>	4 mm
<b>Measurement force</b>	0.15 N
<b>Repetition standard deviation acc. to DIN 1319</b>	0.1 µm
<b>Front end position of spindle</b>	-2.2 mm
<b>Linearity deviation in the range +/- 0,5 mm</b>	0.4 µm
<b>Linearity deviation in the range +/- 1,0 mm</b>	1.5 µm
<b>Linearity deviation in the range +/- 2,0 mm</b>	3 µm
<b>Sensitivity deviation</b>	0.3 %
<b>Mass force increase</b>	0.3 N/mm
<b>Reversal error</b>	0.5 µm
<b>Gross Weight</b>	0.172 kg
<b>Product Group</b>	306

### EAN

4059192016456