

Electronic length measuring probe with half bridge Measuring pin actuated with compressed air

IP
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Application

Suitable for applications in multi-point measuring technology. For recording measured values, the length measuring probes should be pressurised with compressed air and extended forwards.



Execution

- Compressed air connection designed to run straight backwards
- Precise, ball-guided measuring pin
- Clamping shaft diameter 8 mm, can be clamped along entire length
- Carbide gauge slide M2.5 with ball diameter 3 mm
- 5-pin plug in line with DIN 45322, cable length 2 m

Advantage

- Insensitive to lateral forces and temperature fluctuations
- Excellent electromagnetic shielding
- Version with Viton bellows, especially resistant to coolants and lubricants

Delivery

Measuring probe, test report with declaration of conformity

Technical Data

Product number	1001331 834
Model	GTL 212
Max. spindle travel	3.2 mm
Cable output direction	Axial
Material of bellows	Viton
Measuring span of electronic length measuring technology	3 mm
Measuring range of electronic length measuring technology	+/- 1.5 mm
Measurement force	1.2 N
Max. linearity error (L in mm, measured from electric zero point)	$0.2 \mu\text{m} + (2.4 \times L^2) \mu\text{m}$
Repetition standard deviation acc. to DIN 1319	0.015 μm
Supply up to electronic zero point	1.6 mm
Manufacturer Part Number	03230060
EAN Code	7630041112740
Commodity Code	90319000



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