

### 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 838
Model	GTL 212A
Max. spindle travel	3.2 mm
Cable output direction	Axial
Measuring span of electronic length measuring technology	3 mm
Measuring range of electronic length measuring technology	+/- 1.5 mm
Measurement force	0.2 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 $\mu\text{m}$
Supply up to electronic zero point	1.6 mm
Manufacturer Part Number	03230067
EAN Code	7630041112788
Commodity Code	90319000



Hommel Hercules Werkzeughandel GmbH & Co. KG

Heidelberger Str. 52 | 68519 Viernheim | +49 (0) 6204 739-0 | info@hommel-hercules.com