

Electronic length measuring probe with half bridge Micrometer bolt actuation (infeed) by compressed air

IP
50



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 841 |
| Model | GT 612A |
| Max. spindle travel | 10.3 mm |
| Cable output direction | Axial |
| Spindle lift | Compressed air |
| Measuring span of electronic length measuring technology | 10 mm |
| Measuring range of electronic length measuring technology | +/- 5 mm |
| Measurement force | 1 N |
| Max. linearity error (L in mm, measured from electric zero point) | 1 µm + (4 x L) µm |
| Repetition standard deviation acc. to DIN 1319 | 0.05 µm |
| Correction factor to GT 21/22 | 2.5 |
| Manufacturer Part Number | 03230070 |
| EAN Code | 7630041112818 |
| Commodity Code | 90319000 |



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