

### Electronic length measuring probe with half bridge

Universal length measuring probe for a variety of standard applications

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#### Application

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 manual 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
- Carbide gauge slide M2.5 with ball diameter 3 mm
- 5-pin plug in line with DIN 45322, cable length 2 m
- Mechanical or vacuum lifting of measuring pins, depending on design

#### Advantage

- Insensitive to lateral forces and temperature fluctuations
- Excellent electromagnetic shielding

#### Delivery

Measuring probe, test report with declaration of conformity



### Technical Data

Product number	1001331 844
Model	GT 271
Max. spindle travel	10.3 mm
Cable output direction	Axial
Material of bellows	Viton
Spindle lift	Vacuum
Measuring span of electronic length measuring technology	4 mm
Measuring range of electronic length measuring technology	+/- 2 mm
Measurement force	0.63 N
Max. linearity error (L in mm, measured from electric zero point)	0.2 µm + (3 x L <sup>3</sup> ) µm
Repetition standard deviation acc. to DIN 1319	0.05 µm
Front end position of spindle	-5.1 mm
Manufacturer Part Number	03230073
EAN Code	7630041112849
Commodity Code	90319000



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