

Electronic length measuring probe with half bridge

Universal length measuring probe for a variety of standard applications

IP
65



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	1033116 101
Model	GT 21
Max. spindle travel	4.3 mm
Cable output direction	Axial
Material of bellow	Nitrile
Spindle lift	Mechanical
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 ³) µm
Repetition standard deviation acc. to DIN 1319	0.01 µm
Front end position of spindle	-2.2 mm
Manufacturer Part Number	03210904
EAN Code	7630041112351
Commodity Code	90318020



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