

## Electronic length measuring probe with half bridge

Universal length measuring probe for a variety of standard applications



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

### Advantage:

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

### Delivery:

Measuring probe, test report with declaration of conformity

<b>Art. no.</b>	<b>39655 021</b>
<b>Brand</b>	TESA
<b>Manufacturer Part Number</b>	03210904
<b>Model</b>	GT 21
<b>Compatibility length measurement scanner</b>	TESA
<b>Max. spindle travel</b>	4.3 mm
<b>Measuring range of electronic length measuring technology</b>	-1,2 mm to 3 mm
<b>Spindle lift</b>	Manual
<b>Measuring pin adjustment</b>	Spring force
<b>Cable output direction</b>	Axial
<b>Material of bellow</b>	Nitrile
<b>Measuring span of electronic length measuring technology</b>	4 mm
<b>Measurement force</b>	0.63 N
<b>Repetition standard deviation acc. to DIN 1319</b>	0.01 $\mu\text{m}$
<b>Front end position of spindle</b>	-1.2 mm
<b>Max. linearity error (L in mm, measured from electric zero point)</b>	0.2 $\mu\text{m}$ + (3 x L <sup>3</sup> ) $\mu\text{m}$
<b>Installation length</b>	61.5 mm
<b>Cable length</b>	2 m
<b>Gross Weight</b>	0.133 kg
<b>Product Group</b>	362

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