

## Electronic length measuring probe with half bridge

with release spring and pneumatic infeed



### Application:

For a wide variety of standard applications in multi-point measuring systems. Reliable and therefore ideally suited to automation applications. For recording measured values, the length measuring probes should be extended using compressed air. The probes are retracted by a release spring as soon as compressed air is no longer applied.



### Execution:

- Straight, rear compressed air connection
- Precise, ball-guided measuring pin
- Clamping shaft diameter 8 mm, can be clamped along entire length
- Cemented carbide gauge slide M2.5 with ball diameter 3 mm
- 5-pin plug in line with DIN 45322, cable 2 m
- Lifting of measuring pins using a release spring, pneumatic infeed. This makes the system particularly reliable.

### 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 conformity declaration

<b>Art. no.</b>	<b>39655 365</b>
<b>Brand</b>	TESA
<b>Manufacturer Part Number</b>	03230061
<b>Model</b>	GT 272
<b>Compatibility length measurement scanner</b>	TESA
<b>Max. spindle travel</b>	10.3 mm
<b>Measuring range of electronic length measuring technology</b>	+/- 2 mm
<b>Spindle lift</b>	Automatic due to spring return
<b>Measuring pin adjustment</b>	Compressed air
<b>Cable output direction</b>	Axial
<b>Material of bellows</b>	Viton
<b>Measuring span of electronic length measuring technology</b>	4 mm
<b>Measurement force</b>	1 N
<b>Repetition standard deviation acc. to DIN 1319</b>	0.05 µm
<b>Min./max. operating pressure</b>	1.1-1.5 bar
<b>Max. linearity error (L in mm, measured from electric zero point)</b>	0.2 µm + (3 x L <sup>3</sup> ) µm
<b>Installation length</b>	76.5 mm
<b>Cable length</b>	2 m
<b>Supply up to electronic zero point</b>	8.1 mm
<b>Gross Weight</b>	0.140 kg
<b>Product Group</b>	362

### EAN

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