

## electronic length measuring probes with half bridge

with screw connection coupling for rapid probe replacement



### Application:

for numerous applications in multi-point measuring technology. the screw connection allows quick probe change without needing to remove a cable harness.

### Execution:

- 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
- short cable with screw connection
- mechanical or vacuum lifting of measuring pins, depending on version

### Advantage:

- faster probe replacement, through screw connection
- insensitive to lateral forces and temperature fluctuations
- excellent electromagnetic shielding



<b>Art. no.</b>	<b>39650 028</b>
<b>Model</b>	GT 28 Det
<b>Max. spindle travel</b>	10.3 mm
<b>Measuring range of electronic length measuring technology</b>	+/- 2 mm
<b>Spindle lift</b>	Manual, Vacuum
<b>Measuring pin adjustment</b>	Spring force
<b>Cable output direction</b>	Radial
<b>Material of bellows</b>	Viton
<b>Measuring span of electronic length measuring technology</b>	4 mm
<b>Measurement force</b>	0.63 N
<b>Max. linearity error (L in mm, measured from electric zero point)</b>	$0.2 \mu\text{m} + (3 \times L^3) \mu\text{m}$
<b>Repetition standard deviation acc. to DIN 1319</b>	0.05 $\mu\text{m}$
<b>Front end position of spindle</b>	-2.2 mm
<b>Product Group</b>	Prod. Gr. 362

### EAN

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