

## 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



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| <b>Art. no.</b>  | <b>39650 021</b>                               |
| <b>Model</b>   | GT 21 Det                                      |
| <b>Max. spindle travel</b>   | 4.3 mm   |
| <b>Measuring range of electronic length measuring technology</b>         | +/- 2 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>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>                    | 0.01 $\mu\text{m}$                             |
| <b>Front end position of spindle</b>                                     | -2.2 mm  |
| <b>Product Group</b>   | Prod. Gr. 362                                  |

### EAN

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