

## Electronic length measuring probe FMS

Without screw connection for direct connection



### Application:

suitable for applications in multipoint measuring technology. the compact design permits the close arrangement of multiple FMS length measuring probes next to each other.

### Execution:

- Precise, ball-guided measuring movement
- Compact design, designed for continuous use
- Effective direction of measuring force and lifting based on selected accessories
- 5-pin plug in line with DIN 45322, cable length 2 m
- Version with IP54 degree of protection, splash-proof
- axial or radial cable outlet can each be swivelled by 45° in both directions

### Advantage:

- Parallel-guided length measuring probe for tight spaces, e.g. inside devices
- Design saves many mechanical structural elements
- Extensive range of accessories for a wide range of individual measuring tasks

### Delivery:

Measuring probe, test report with declaration of conformity



|  |                                   |
|--|-----------------------------------|
| <b>Art. no.</b>  | <b>39658 240</b>                  |
| <b>Brand</b>   | TESA                              |
| <b>Manufacturer Part Number</b>  | 03230037                          |
| <b>Model</b>   | FMS100/IP 54                      |
| <b>Compatibility length measurement scanner</b>                          | TESA                              |
| <b>Max. spindle travel</b>   | 5.8 mm                            |
| <b>Measuring range of electronic length measuring technology</b>         | +/- 2 mm                          |
| <b>Spindle lift</b>  | Depending on configuration        |
| <b>Measuring pin adjustment</b>  | Depending on configuration        |
| <b>Cable output direction</b>  | Axial                             |
| <b>Measuring span of electronic length measuring technology</b>          | 4 mm                              |
| <b>Measurement force</b>   | 2 N                               |
| <b>Repetition standard deviation acc. to DIN 1319</b>                    | 0.5 µm                            |
| <b>Front end position of spindle</b>                                     | -2.9 mm                           |
| <b>Max. linearity error (L in mm, measured from electric zero point)</b> | 0.2 µm + (3 x L <sup>3</sup> ) µm |
| <b>Cable length</b>  | 2 m                               |
| <b>Gross Weight</b>  | 0.537 kg                          |
| <b>Product Group</b>   | 362                               |

### EAN

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