

## Length measuring unit



Fig. 1 MESSBOI 10

### Length measuring unit

The only way to avoid material loss is to avoid measuring tolerances. This is what we have set as our goal. Our efforts resulted in the family of length measuring units: simple design and easy operation. Conformity assessment (\*) of the length measuring device for coated round cables is approved by German Authorities for a period of 2 years and valid for all EU/EEA member states.

**Attention: Conformity assessment = (\*) formerly first calibration**



| <b>MESSBOI 10</b>                              |                          | <b>Part No. 85100471</b>                                 |                                 |
|--|--------------------------|--|---------------------------------|
| <b>MESSBOI 10 conformity assessed (*)</b>      |                          | <b>Part No. 86100471</b>                                 |                                 |
| Measuring range                                | 1-15 mm                  | Measuring force  | constant due to spring pressure |
| Conformity assessment (*)                      | 1-10 mm                  | Housing  | Polystrol white/black           |
| L x W x H                                      | abt. 160 x 110 x 90 mm   | Weight   | abt. 0,5 kg                     |
| Counter  | 9999,99 m with reset key |  |                                 |
| Measuring accuracy excl. conformity assessment | +/- 2 %                  | Measuring accuracy class III incl. conformity assessment | +/- 0,5%                        |



| <b>MESSBOI 10 B</b>                            |                          | <b>Part No. 85100543</b>                                 |                                 |
|--|--------------------------|--|---------------------------------|
| <b>MESSBOI 10 B conformity assessed (*)</b>    |                          | <b>Part No. 86100543</b>                                 |                                 |
| Measuring range                                | 1-15 mm                  | Measuring force  | constant due to spring pressure |
| Conformity assessment (*)                      | 1-10 mm                  | Housing  | Polystrol white/black           |
| L x W x H                                      | abt. 260 x 110 x 90 mm   | Weight   | abt. 0,7 kg                     |
| Counter  | 9999,99 m with reset key |  |                                 |
| Measuring accuracy excl. conformity assessment | +/- 2 %                  | Measuring accuracy class III incl. conformity assessment | +/- 0,5 %                       |



| <b>MESSBOI 10 FLA</b> |                                | <b>Part No. 85100443</b> |                                 |
|-----------------------|--------------------------------|--------------------------|---------------------------------|
| Flat cable up to      | 15 mm strength<br>100 mm width | Measuring force          | constant due to spring pressure |
| L x W x H             | abt. 160 x 210 x 90 mm         | Housing                  | Polystrol white/black           |
| Counter               | 9999,99 m with reset key       |                          |                                 |
| Measuring accuracy    | +/- 2 %                        |                          |                                 |



| <b>MESSBOI 10 HT</b>                          |                          | <b>Part No. 85100442</b>                                 |                                 |
|---|--------------------------|--|---------------------------------|
| <b>MESSBOI 10 HT conformity assessed (*)</b>  |                          | <b>Part No. 86100442</b>                                 |                                 |
| Measuring range                               | 1-15 mm                  | Measuring force  | constant due to spring pressure |
| Conformity assessment (*)                     | 1-10 mm                  | Housing  | Polystrol white/black           |
| L x W x H                                     | abt.250 x 110 x 250 mm   | Weight   | abt. 1 kg                       |
| Counter                                       | 9999,99 m with reset key |  |                                 |
| Measuring accuracy excl.conformity assessment | +/- 2 %                  | Measuring accuracy class III incl. conformity assessment | +/- 0,5 %                       |

Dimensions and specifications may be changed without prior notice. Issue 10/2016