

## Measuring leads

### MLN 50/1



| Product                                                                        | MLN 50/1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|--------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| description                                                                    | Measuring lead, at either end 4 mm diameter plug with caged spring and 4 mm diameter socket for tower construction. Nickel-plated copper beryllium contact spring. Highly flexible, double insulated stranded lead, grip and lead shatter-proof. Built in colour indicator for easy identification of insulation damages.                                                                                                                                                                             |
| operating instruction                                                          | BA401                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| article-no. /<br>*colour                                                       | 9340601xx<br><div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">●<br/>00<br/>black</div> <div style="text-align: center;">●<br/>01<br/>red</div> <div style="text-align: center;">●<br/>02<br/>blue</div> <div style="text-align: center;">●<br/>03<br/>yellow</div> <div style="text-align: center;">●<br/>04<br/>green</div> </div> <div style="text-align: right; border: 1px solid black; padding: 2px; margin-top: 5px;">Ni</div> |
| drawing                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| technical data                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| rated voltage                                                                  | 30 VAC / 60 VDC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| measurement cat. acc. to IEC 61010                                             | O <sup>(2)</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| rated current<br>(consider derating curve)                                     | 16 A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| material plug                                                                  | brass, nickel plated                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| housing material                                                               | PA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| temperature range acc. To IEC61010 <sup>(1)</sup>                              | -15 °C to +70 °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| flammability class acc. to UL 94<br>(only valid for basic material of housing) | V-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| cable length                                                                   | 50 cm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| conductor size                                                                 | 1 mm <sup>2</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

4 mm system

|                |     |
|----------------|-----|
| cable material | PVC |
|----------------|-----|

<sup>(1)</sup> contact the manufacturer for applications at deviating temperature ranges

<sup>(2)</sup> without rated measurement category, for other circuits that are not directly connected to mains

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