






## Measuring leads

### MLS SIL WS 50/1



| Product  | MLS SIL WS 50/1   |
|--|---|
| description  | Safety silicone measuring lead, at either end 4 mm diameter safety connector with onward connection capability (4 mm socket). Nickel-plated copper beryllium contact spring. Highly flexible, double insulated stranded lead, high-temperature resistant, shatter-proof grip sleeve and lead. Built in colour indicator for easy identification of insulation damages.  |
| operating instruction  | BA452   |
| article-no. /<br>*colour   | 9341681xx<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; margin-top: 10px;"><b>Ni</b></div> |
| drawing  |   |
| technical data   |   |
| rated voltage <sup>(1)</sup>   | AC/DC 1000 V  |
| measurement cat. acc. to IEC 61010   | CAT II  |
| rated current <sup>(1)</sup><br>(consider derating curve)                        | 16 A  |
| material plug  | brass, nickel plated  |
| housing material   | PA  |
| temperature range acc. To IEC61010 <sup>(2)</sup>                                | -15 °C to +70 °C  |
| inflammability class acc. to UL 94<br>(only valid for basic material of housing) | V-2   |
| cable length   | 50 cm   |

4 mm safety system

|                    |                   |
|--------------------|-------------------|
| conductor size     | 1 mm <sup>2</sup> |
| cable material     | SIL               |
| contact resistance | 8,5 mOhm          |
| standard           | IEC 61010         |

<sup>(1)</sup> for normal environmental conditions -5°C to +40°C

<sup>(2)</sup> contact the manufacturer for applications at deviating temperature ranges

stand: 23.07.2018