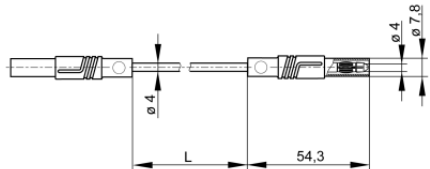


## Measuring leads

### MLS SIL GG 100/1



| Product                                                                        | MLS SIL GG 100/1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|--------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| description                                                                    | Safety silicone measuring lead, at either end 4 mm diameter safety connector with straight outlet. 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                                                          | BA453                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| article-no. /<br>*colour                                                       | 9341741xx<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 style="text-align: center;"> <br/>             88<br/>yellow<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                                                                  | AC/DC 1000 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| measurement cat. acc. to IEC 61010                                             | CAT III                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 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                                                                   | 100 cm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| conductor size                                                                 | 1 mm <sup>2</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

4 mm safety system

|                |     |
|----------------|-----|
| cable material | SIL |
|----------------|-----|

<sup>(1)</sup> contact the manufacturer for applications at deviating temperature ranges  
stand: 21.06.2022

stand: 21.06.2022