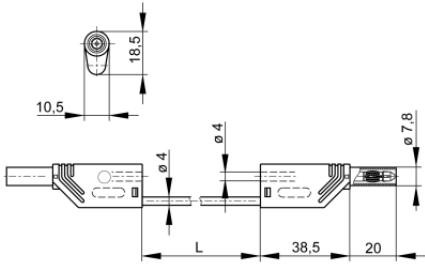


## Measuring leads

### MLS WS 50/1



| Product                                                                        | MLS WS 50/1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|--------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| description                                                                    | Safety measuring lead to IEC 61010 standard, at either end 4 mm diameter safety connector with onward connection capability (4mm socket). Nickel-plated copper beryllium contact spring. Highly flexible, double insulated stranded lead, shatter-proof grip sleeve and lead. Built in color indicator for easy identification of insulation damages.                                                                                                                                                                                                                                                                                                                             |
| operating instruction                                                          | BA452                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| article-no. /<br>*colour                                                       | 9340681xx<br><div>  00 black              01 red              02 blue              03 yellow              04 green              88 yellow green </div> <div>Ni</div> |
| drawing                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| technical data                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| rated voltage                                                                  | AC/DC 1000 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| measurement cat. acc. to IEC 61010                                             | CAT II                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

4 mm safety system

|                |                   |
|----------------|-------------------|
| cable length   | 50 cm             |
| conductor size | 1 mm <sup>2</sup> |
| cable material | PVC               |

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

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