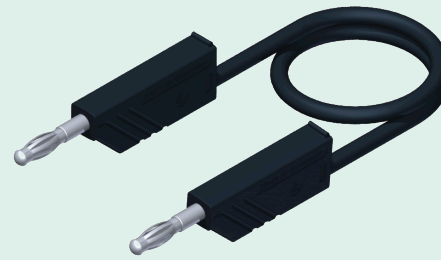
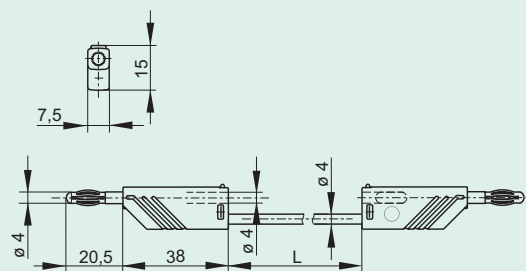


## Messleitungen / measuring leads



### MLN 100/2,5

| Produktbeschreibung                       | Product description                     |   |  |
|---|---|---|--|
| Beschreibung                              | Description                             | Messleitung, beidseitig 4 mm Stecker mit Käfigfeder sowie 4 mm Buchse für Turmsteckbauweise. Kontaktfeder aus Kupfer-Beryllium vernickelt/vergoldet. Hochflexible, doppelt isolierte Litzenleitung, Griffhülse und Leitung trittfest. Eingearbeiteter Farbindikator zur Erkennung von Schäden an der Isolation.   | Measuring lead, at either end 4 mm Ø plug with caged spring and 4 mm diameter socket for tower construction. Nickel-plated/gold-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. |
| Typ                                       | Type                                    | <b>MLN 100/2,5</b>  | <b>MLN 100/2.5</b>   |
| Leitungslänge                             | Cable length                            | 100 cm  | 100 cm   |
| Leitungsquerschnitt                       | Conductor size                          | 2,5 mm <sup>2</sup>   | 2.5 mm <sup>2</sup>  |
| Gehäusefarbe / Artikel-Nr.                | Housing color / article-no.             | <ul style="list-style-type: none"> <li style="width: 50%;"><span style="color: black;">●</span> 934 063-x00</li> <li style="width: 50%;"><span style="color: brown;">●</span> 934 063-x05</li> <li style="width: 50%;"><span style="color: red;">●</span> 934 063-x01</li> <li style="width: 50%;"><span style="color: grey;">●</span> 934 063-x06</li> <li style="width: 50%;"><span style="color: blue;">●</span> 934 063-x02</li> <li style="width: 50%;"><span style="color: white;">●</span> 934 063-x07</li> <li style="width: 50%;"><span style="color: yellow;">●</span> 934 063-x03</li> <li style="width: 50%;"><span style="color: purple;">●</span> 934 063-x09</li> <li style="width: 50%;"><span style="color: green;">●</span> 934 063-x04</li> <li style="width: 50%;"><span style="color: yellow;">●</span> 934 063-x88</li> </ul> | <div style="border: 1px solid black; padding: 5px; width: fit-content;"> <p>x = Kontaktoberflächenmaterial / contact surface material</p> <p>1 = Nickel / nickel</p> <p>7 = Gold / gold</p> </div>   |
| Zeichnung                                 | Drawing                                 |   |  |
| <b>Technische Daten</b>                   | <b>Technical data</b>                   |   |  |
| Stiftdurchmesser                          | Pin dimensions                          | 4 mm  | 4 mm   |
| Kontaktart                                | Type of contact                         | gefederter Stift  | spring-loaded pin  |
| Leitungstyp                               | Cable type                              | LEH-XY  | LEH-XY   |
| Leitungsspezifikation                     | Cable specification                     | hochflexible Schlauchleitung  | highly flexible lead   |
| Litzenaufbau                              | Wire stranding                          | 320 x 0,10 mm   | 320 x 0.10 mm  |
| Bemessungsspannung                        | Rated voltage                           | 30 VAC / 60 VDC   | 30 VAC / 60 VDC  |
| Messkategorie lt. IEC61010                | Measurement cat. acc. to IEC61010       | CAT I   | CAT I  |
| Bemessungsstrom (Derating Kurve beachten) | Rated current (consider derating curve) | 32 A  | 32 A   |
| Durchgangswiderstand                      | Contact resistance                      | 12 mOhm   | 12 mOhm  |
| <b>Werkstoff</b>                          | <b>Material</b>                         |   |  |
| Kontaktmaterial                           | Contact material                        | Kontaktstift: Messing<br>Kontaktfeder: Kupfer-Beryllium   | contact pin: brass<br>contact spring: copper-beryllium   |
| Kontaktoberflächenmaterial                | Contact surface material                | Nickel, alternativ Gold   | nickel, alternative gold   |
| Gehäusematerial                           | Housing material                        | PA  | PA   |
| Leitungsmaterial                          | Cable material                          | PVC   | PVC  |
| <b>Umgebungsbedingungen</b>               | <b>Environmental conditions</b>         |   |  |
| Temperaturbereich                         | Temperature range                       | -15°C bis +70°C   | -15°C to +70°C   |
| <b>Brennbarkeitsklassen</b>               | <b>Inflammability class</b>             |   |  |
| Gehäuse (Grundmaterial)                   | Housing (basic material)                | UL 94 V-2   | UL 94 V-2  |