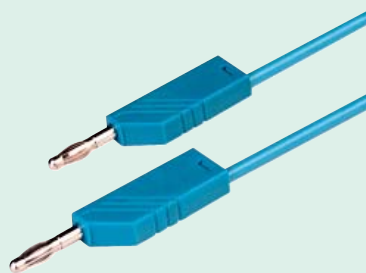
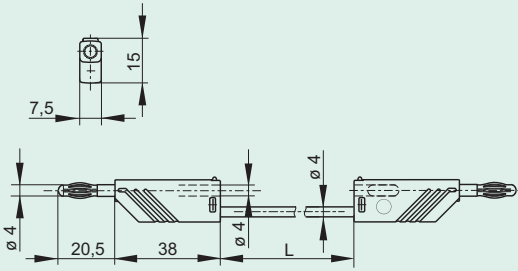


## Messleitungen / measuring leads

### MLN SIL 50/1



| Produktbeschreibung                       | Product description                     |                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                          |
|-------------------------------------------|-----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Beschreibung                              | Description                             | Messleitung, beidseitig 4 mm Stecker mit Käfigfeder sowie 4 mm Buchse für Turmsteckbauweise. Kontaktfeder aus Kupfer-Beryllium vernickelt. Hochflexible, doppelt isolierte Litzenleitung, lötkolbenbeständig, Griffhülse und Leitung trittfest. Eingearbeiteter Farbindikator zur Erkennung von Schäden an der Isolation. | Measuring lead, at either end 4mm 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. |
| Typ                                       | Type                                    | <b>MLN SIL 50/1</b>                                                                                                                                                                                                                                                                                                       | <b>MLN SIL 50/1</b>                                                                                                                                                                                                                                                                                                      |
| Leitungslänge                             | Cable length                            | 50 cm                                                                                                                                                                                                                                                                                                                     | 50 cm                                                                                                                                                                                                                                                                                                                    |
| Leitungsquerschnitt                       | Conductor size                          | 1 mm <sup>2</sup>                                                                                                                                                                                                                                                                                                         | 1 mm <sup>2</sup>                                                                                                                                                                                                                                                                                                        |
| Gehäusefarbe / Artikel-Nr.                | Housing color / article-no.             | <ul style="list-style-type: none"> <li>● 934 091-100</li> <li>● 934 091-101</li> <li>● 934 091-102</li> <li>● 934 091-103</li> <li>● 934 091-104</li> </ul>                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                          |
| 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, lötkolbenfest                                                                                                                                                                                                                                                                               | highly flexible lead, high temperature resistant                                                                                                                                                                                                                                                                         |
| Litzenaufbau                              | Wire stranding                          | 259 x 0,07 mm                                                                                                                                                                                                                                                                                                             | 259 x 0,07 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) | 16 A                                                                                                                                                                                                                                                                                                                      | 16 A                                                                                                                                                                                                                                                                                                                     |
| Durchgangswiderstand                      | Contact resistance                      | 13 mOhm                                                                                                                                                                                                                                                                                                                   | 13 mOhm                                                                                                                                                                                                                                                                                                                  |
| <b>Werkstoff</b>                          | <b>Material</b>                         |                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                          |
| Kontaktmaterial                           | Contact material                        | Kontaktstift: Messing<br>Kontaktfeder: Kupfer-Beryllium                                                                                                                                                                                                                                                                   | contact pin: brass<br>contact spring: copper-beryllium                                                                                                                                                                                                                                                                   |
| Kontaktflächenmaterial                    | Contact surface material                | Nickel                                                                                                                                                                                                                                                                                                                    | nickel                                                                                                                                                                                                                                                                                                                   |
| Gehäusematerial                           | Housing material                        | PA                                                                                                                                                                                                                                                                                                                        | PA                                                                                                                                                                                                                                                                                                                       |
| Leitungsmaterial                          | Cable material                          | Silikon                                                                                                                                                                                                                                                                                                                   | silicone                                                                                                                                                                                                                                                                                                                 |
| <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                                                                                                                                                                                                                                                                                                                |