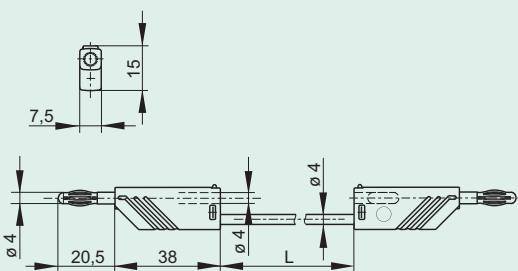


## Messleitungen / measuring leads

### MLN 25/2,5



| 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 25/2,5</b><br><b>MLN 25/2,5 Au</b>                                                                                                                                                                                                                                                                                                        | <b>MLN 25/2,5</b><br><b>MLN 25/2,5 Au</b>                                                                                                                                                                                                                                                                                      |
| Leitungslänge                             | Cable length                            | 25 cm                                                                                                                                                                                                                                                                                                                                            | 25 cm                                                                                                                                                                                                                                                                                                                          |
| Leitungsquerschnitt                       | Conductor size                          | 2,5 mm <sup>2</sup>                                                                                                                                                                                                                                                                                                                              | 2.5 mm <sup>2</sup>                                                                                                                                                                                                                                                                                                            |
| Gehäusefarbe / Artikel-Nr.                | Housing color / article-no.             | <div> <div> ● 934 059-x00<br/>● 934 059-x01<br/>● 934 059-x02<br/>● 934 059-x03<br/>● 934 059-x04 </div> <div> ● 934 059-x05<br/>● 934 059-x06<br/>● 934 059-x07<br/>● 934 059-x09<br/>● 934 059-x88 </div> </div> <div> x = Kontaktoberflächenmaterial /<br/>contact surface material<br/><br/> 1 = Nickel / nickel<br/> 7 = Gold / gold </div> |                                                                                                                                                                                                                                                                                                                                |
| Zeichnung                                 | Drawing                                 |                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                |
| Technische Daten                          | Technical data                          |                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                |
| 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                      | 6 mOhm                                                                                                                                                                                                                                                                                                                                           | 6 mOhm                                                                                                                                                                                                                                                                                                                         |
| Werkstoff                                 | Material                                |                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                |
| 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                                                                                                                                                                                                                                                                                                                            |
| Umgebungsbedingungen                      | Environmental conditions                |                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                |
| Temperaturbereich                         | Temperature range                       | -15°C bis +70°C                                                                                                                                                                                                                                                                                                                                  | -15°C to +70°C                                                                                                                                                                                                                                                                                                                 |
| Brennbarkeitsklassen                      | Inflammability class                    |                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                |
| Gehäuse (Grundmaterial)                   | Housing (basic material)                | UL 94 V-2                                                                                                                                                                                                                                                                                                                                        | UL 94 V-2                                                                                                                                                                                                                                                                                                                      |