



| 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, 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 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                                    | MLN 50/1                                                                                                                                                                                                                                                                                              | MLN 50/1                                                                                                                                                                                                                                                                                                           |
| Leitungslänge                             | Cable length                            | 50 cm                                                                                                                                                                                                                                                                                                 | 50 cm                                                                                                                                                                                                                                                                                                              |
| Leitungsquerschnitt                       | Conductor size                          | 1 mm²                                                                                                                                                                                                                                                                                                 | 1 mm²                                                                                                                                                                                                                                                                                                              |
| Gehäusefarbe / Artikel-Nr.                | Housing color / article-no.             | <div><div></div> 934 060-100<br/><div></div> 934 060-101<br/><div></div> 934 060-102<br/><div></div> 934 060-103<br/><div></div> 934 060-104</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                          | 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                                                                                                                                                                                                                                                                                                            |
| Werkstoff                                 | Material                                |                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                    |
| Kontaktmaterial                           | Contact material                        | Kontaktstift: Messing<br>Kontaktfeder: Kupfer-Beryllium                                                                                                                                                                                                                                               | contact pin: brass<br>contact spring: copper-beryllium                                                                                                                                                                                                                                                             |
| Kontaktoberflächenmaterial                | Contact surface material                | Nickel                                                                                                                                                                                                                                                                                                | nickel                                                                                                                                                                                                                                                                                                             |
| Gehäusematerial                           | Housing material                        | PA                                                                                                                                                                                                                                                                                                    | PA                                                                                                                                                                                                                                                                                                                 |
| Leitungsmaterial                          | Cable material                          | PVC                                                                                                                                                                                                                                                                                                   | PVC                                                                                                                                                                                                                                                                                                                |
| Umgebungsbedingungen                      | Environmental condidions                |                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                    |
| 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                                                                                                                                                                                                                                                                                                          |

# 4 mm System / 4 mm system