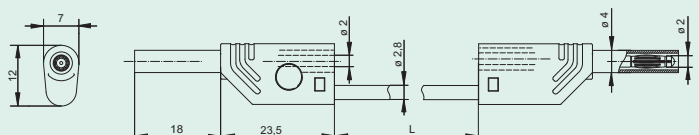


## Messleitungen / measuring leads

### MVL S WS 50/1



| Produktbeschreibung                       | Product description                     |                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                               |
|-------------------------------------------|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Beschreibung                              | Description                             | Berührungssichere Messleitung nach IEC 61010, beidseitig Sicherheitsstecker mit 2 mm Ø sowie 2 mm Buchse für Turmsteckbauweise. Kontaktfeder Kupfer-Beryllium vergoldet. Hochflexible, doppelt isolierte Litzenleitung, mit trittfesten Griffhülsen. Eingearbeiteter Farbindikator zur Erkennung von Schäden an der Leitungsisolation. | Safety measuring lead according to IEC 61010, with 2 mm Ø safety plugs on both sides and 2 mm sockets for onward connection capability. Gold-plated copper beryllium contact spring. Highly flexible, double insulated stranded lead and shatter-proof grip sleeves. Built in colour indicator for easy identification of insulation damages. |
| Typ                                       | Type                                    | <b>MVL S WS 50/1</b>                                                                                                                                                                                                                                                                                                                   | <b>MVL S WS 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.             | <div> <div> ● 975 695-700<br/>● 975 695-701<br/>● 975 695-702<br/>● 975 695-703<br/>● 975 695-704 </div> <div> ● 975 695-705<br/>● 975 695-706<br/>● 975 695-707<br/>● 975 695-709 </div> </div>                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                               |
| Zeichnung                                 | Drawing                                 |                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                               |
| Technische Daten                          | Technical data                          |                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                               |
| Stiftdurchmesser                          | Pin dimensions                          | 2 mm                                                                                                                                                                                                                                                                                                                                   | 2 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                           | AC/DC 1000V                                                                                                                                                                                                                                                                                                                            | AC/DC 1000V                                                                                                                                                                                                                                                                                                                                   |
| Messkategorie lt. IEC61010                | Measurement cat. acc. to IEC61010       | CAT III                                                                                                                                                                                                                                                                                                                                | CAT III                                                                                                                                                                                                                                                                                                                                       |
| Bemessungsstrom (Derating Kurve beachten) | Rated current (consider derating curve) | 10 A                                                                                                                                                                                                                                                                                                                                   | 10 A                                                                                                                                                                                                                                                                                                                                          |
| Durchgangswiderstand                      | Contact resistance                      | 15 mOhm                                                                                                                                                                                                                                                                                                                                | 15 mOhm                                                                                                                                                                                                                                                                                                                                       |
| Werkstoff                                 | Material                                |                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                               |
| Kontaktmaterial                           | Contact material                        | Kontaktstift: Messing<br>Kontaktfeder: Kupfer-Beryllium                                                                                                                                                                                                                                                                                | contact pin: brass<br>contact spring: copper-beryllium                                                                                                                                                                                                                                                                                        |
| Kontaktflächenmaterial                    | Contact surface material                | Gold                                                                                                                                                                                                                                                                                                                                   | 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                                                                                                                                                                                                                                                                                                                                     |