

PRODUCT DATASHEET

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Messleitungen / measuring leads

MVL S WS 100/1



| 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 | MVL S WS 100/1 | MVL S WS 100/1 |
| Leitungslänge | Cable length | 100 cm | 100 cm |
| Leitungsquerschnitt | Conductor size | 1 mm ² | 1 mm ² |
| Gehäusefarbe / Artikel-Nr. | Housing color / article-no. | <ul style="list-style-type: none"> ● 975 696-700 ● 975 696-701 ● 975 696-702 ● 975 696-703 ● 975 696-704 | <ul style="list-style-type: none"> ● 975 696-705 ● 975 696-706 ● 975 696-707 ● 975 696-709 |
| 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 | 24 mOhm | 24 mOhm |
| Werkstoff | Material | | |
| Kontaktmaterial | Contact material | Kontaktstift: Messing Kontaktfeder: Kupfer-Beryllium | contact pin: brass contact spring: copper-beryllium |
| Kontaktoberflächenmaterial | 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 |