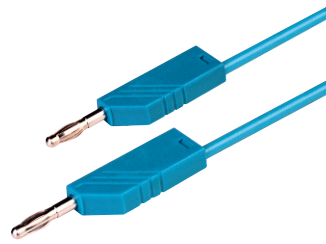
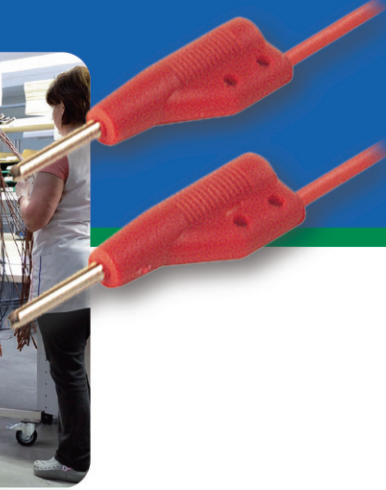




Measuring Leads

4 mm Solder Resistant System



Type

MLN SIL 25/1 MLN SIL 50/1 MLN SIL 100/1 MLN SIL 150/1 MLN SIL 200/1

Measuring lead, at either end 4mm diameter plug with caged spring and 4mm 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.

	0.25m (9.8")	0.5m (19.7")	1.0m (39.4")	1.5m (59.1")	2.0m (78.7")
Cable length	0.25m (9.8")	0.5m (19.7")	1.0m (39.4")	1.5m (59.1")	2.0m (78.7")
Cable size	1 mm ² (18 AWG)	1 mm ² (18 AWG)	1 mm ² (18 AWG)	1 mm ² (18 AWG)	1 mm ² (18 AWG)
Cable material	Silicone	Silicone	Silicone	Silicone	Silicone
Pin dimensions	4 mm (0.157")	4 mm (0.157")	4 mm (0.157")	4 mm (0.157")	4 mm (0.157")
Cable type	LEH-XY	LEH-XY	LEH-XY	LEH-XY	LEH-XY
PART NO. / Housing color	<ul style="list-style-type: none"> ● 934090100 ● 934090101 ● 934090102 ● 934090103 ● 934090104 	<ul style="list-style-type: none"> ● 934091100 ● 934091101 ● 934091102 ● 934091103 ● 934091104 	<ul style="list-style-type: none"> ● 934092100 ● 934092101 ● 934092102 ● 934092103 ● 934092104 	<ul style="list-style-type: none"> ● 934093100 ● 934093101 ● 934093102 ● 934093103 ● 934093104 	<ul style="list-style-type: none"> ● 934094100 ● 934094101 ● 934094102 ● 934094103 ● 934094104

Technical Data

	MLN SIL 25/1	MLN SIL 50/1	MLN SIL 100/1	MLN SIL 150/1	MLN SIL 200/1
Contact Type	2x spring-loaded pin	2x spring-loaded pin	2x spring-loaded pin	2x spring-loaded pin	2x spring-loaded pin
Voltage Rating	30 VAC / 60 VDC	30 VAC / 60 VDC	30 VAC / 60 VDC	30 VAC / 60 VDC	30 VAC / 60 VDC
Measurement Category (IEC61010)	CAT I	CAT I	CAT I	CAT I	CAT I
Current Rating*	16A	16A	16A	16A	16A
Contact Resistance	8.5 mOhm	13 mOhm	22 mOhm	34 mOhm	40 mOhm

Material Specifications

Contact Pin	nickel plated brass
Contact Spring	nickel plated copper-beryllium
Housing	Polyamide

Environmental Conditions

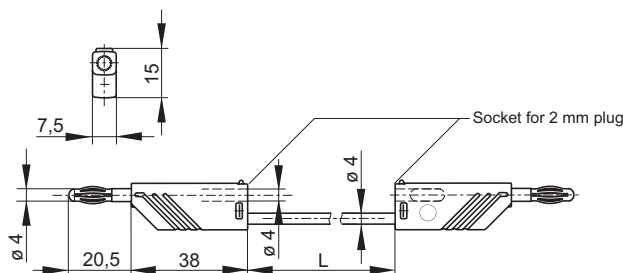
Temperature Range	-15 °C to +70 °C (5°F to 158°F)
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Flamability Rating

Housing	UL 94 V-2
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Drawing

Measurements are shown in millimeters. Multiply by 0.03937 to convert to inches.



* Please consider derating graph on page 80.