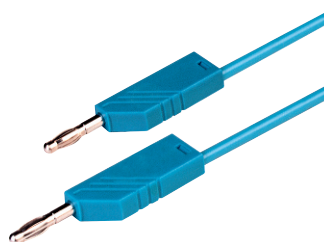




Measuring Leads

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.

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

● 934090100	● 934091100	● 934092100	● 934093100	● 934094100
● 934090101	● 934091101	● 934092101	● 934093101	● 934094101
● 934090102	● 934091102	● 934092102	● 934093102	● 934094102
● 934090103	● 934091103	● 934092103	● 934093103	● 934094103
● 934090104	● 934091104	● 934092104	● 934093104	● 934094104

Technical Data

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

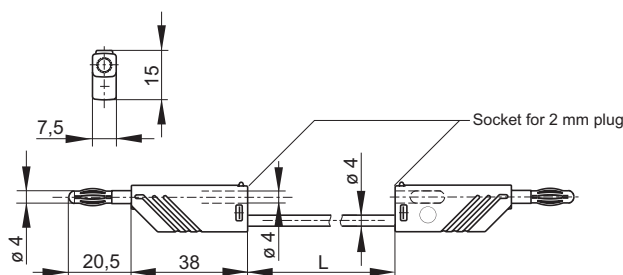
Temperature Range	-15 °C to +70 °C (5°F to 158°F)
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Flamability Rating

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.