

Measuring Leads

4 mm Retractable Sleeve System



Type	MLB 25/1 V	MLB 50/1 V	MLB 100/1 V	MLB 200/1 V
Contact-protected measuring lead, at either end: 4 mm diameter plug, insulated by latching and sprung insulated sleeve which is only released by pressure on the side mounted locking spring. 4 mm diameter nickel-plated. Highly flexible, double insulated stranded conductor. Color indicator for the recognition of damage to the insulation. 4 mm diameter socket for tower construction.				
Cable length	0.25m (9.8")	0.5m (19.7")	1.0m (39.4")	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)
Cable material	PVC	PVC	PVC	PVC
Pin dimensions	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
PART NO. / Housing color	● 973644100	● 973645100	● 973646100	● 973647100
	● 973644101	● 973645101	● 973646101	● 973647101
	● 973644102	● 973645102	● 973646102	● 973647102
	● 973644103	● 973645103	● 973646103	● 973647103
	● 973644104	● 973645104	● 973646104 ● 973646188	● 973647104

Technical Data

Contact Type	spring-loaded pin	spring-loaded pin	spring-loaded pin	spring-loaded pin
Voltage Rating	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
Current Rating*	16 A	16 A	16 A	16 A
Contact Resistance	8.5 mOhm	13 mOhm	22 mOhm	40 mOhm

Material Specifications

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

Environmental Conditions

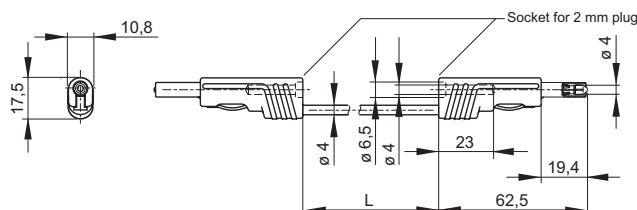
Temperature Range	-15 °C to +70 °C (5°F to 158°F)
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Flamability Rating

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.