Measuring Leads 2 mm System





Type MVL S WS 25/1 Au MVL S WS 50/1 Au MVL S WS 100/1 Au MVL S WS 200/1 Au

Safety measuring lead according to IEC 61010, with 2 mm 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.

Cable length	0.25m (9.8")	0.5m (19.7")	1.0m (39.4")	2.0m (78.7")
Cable size	1 mm² (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	2 mm (0.078")	2 mm (0.078")	2 mm (0.078")	2 mm (0.078")
Cable type	LEH-XY	LEH-XY	LEH-XY	LEH-XY
PART NO. / Housing color	975694700	975695700	● 975696700	● 975698700
	975694701	975695701	975696701	975698701
	975694702	975695702	975696702	975698702
	975694703	975695703	975696703	975698703
	975694704	975695704	975696704	975698704
	975694705	975695705	975696705	975698705
	975694706	975695706	975696706	975698706
	975694707	975695707	975696707	975698707
	975694709	975695709	975696709	975698709

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Contact Type 2x spring-loaded pin 2x spring-loaded pin 2x spring-loaded pin 2x spring-loaded pin 2x spring-loaded pin

Voltage Rating AC/DC 1000V AC/DC 1000V AC/DC 1000V AC/DC 1000V Measurement Category (IEC61010) CAT III CAT III CAT III CAT III Current Rating* 10A 10A Contact Resistance 10 mOhm 15 mOhm 24 mOhm 44 mOhm

Material Specifications

Contact Pin
Contact Spring
Housing
Environmental Conditions
Temperature Range

Flamability Rating
Housing

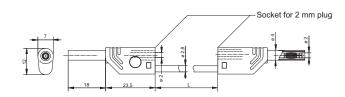
gold plated brass gold plated copper-berylium Polyamide

-15 °C to +70 °C (5°F to 158°F)

UL 94 V-2

Drawing

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



^{*} Please consider derating graph on page 80.