

# Measuring Leads 2 mm System

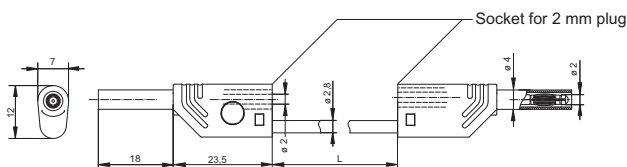


Type	MVL S WS 25/1 Au	MVL S WS 50/1 Au	MVL S WS 100/1 Au	MVL S WS 200/1 Au
Safety measuring lead according to IEC 61010, with 2 mm safety plugs on both sides and 2 mm sockets for onward connection capability. Gold-plated copper-beryllium contact spring. Highly flexible, double insulated stranded lead 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 mm <sup>2</sup> (18 AWG)	1 mm <sup>2</sup> (18 AWG)	1 mm <sup>2</sup> (18 AWG)	1 mm <sup>2</sup> (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

Technical Data				
Contact Type	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	10A	10A
Contact Resistance	10 mOhm	15 mOhm	24 mOhm	44 mOhm
Material Specifications				
Contact Pin	gold plated brass			
Contact Spring	gold plated copper-beryllium			
Housing	Polyamide			
Environmental Conditions				
Temperature Range	-15 °C to +70 °C (5°F to 158°F)			
Flamability Rating				
Housing	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.

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