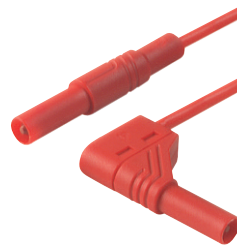


Measuring Leads

4.0 mm Safety Plug System



Type	MLS WG 25/1 MLS WG 25/2.5	MLS WG 50/1 MLS WG 50/2.5	MLS WG 100/1 MLS WG 100/2.5	MLS WG 200/1 MLS WG 200/2.5
Safety measuring lead, at either end 4mm diameter safety connector with straight and angled outlet. Nickel-plated copper beryllium contact spring. Highly flexible, double insulated stranded lead, shatter-proof grip sleeve and lead. 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 ² (18 AWG) 2.5 mm ² (14 AWG)	1 mm ² (18 AWG) 2.5 mm ² (14 AWG)	1 mm ² (18 AWG) 2.5 mm ² (14 AWG)	1 mm ² (18 AWG) 2.5 mm ² (14 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
1 mm²				
PART NO. / Housing color	● 934078100 ● 934078101 ● 934078102 ● 934078103 ● 934078104	● 934080100 ● 934080101 ● 934080102 ● 934080103 ● 934080104	● 934082100 ● 934082101 ● 934082102 ● 934082103 ● 934082104	● 934084100 ● 934084101 ● 934084102 ● 934084103 ● 934084104
2.5 mm²				
PART NO. / Housing color	● 934079100 ● 934079101 ● 934079102 ● 934079103 ● 934079104 ● 934079188	● 934081100 ● 934081101 ● 934081102 ● 934081103 ● 934081104 ● 934081188	● 934083100 ● 934083101 ● 934083102 ● 934083103 ● 934083104 ● 934083188	● 934085100 ● 934085101 ● 934085102 ● 934085103 ● 934085104 ● 934085188

Technical Data

Contact Type	spring-loaded pin	spring-loaded pin	spring-loaded pin	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*	16 A 32 A	16 A 32 A	16 A 32 A	16 A 32 A
Contact Resistance	8 mOhm 6 mOhm	13 mOhm 8 mOhm	22 mOhm 12 mOhm	40 mOhm 20 mOhm

Material Specifications

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

Environmental Conditions

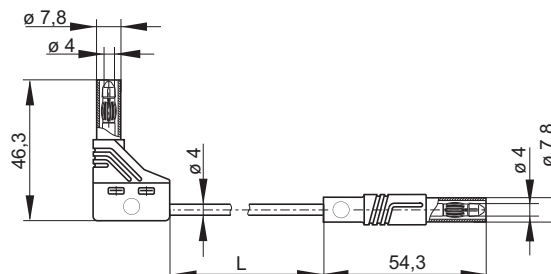
Temperature Range	-15 °C to +70 °C (5°F to 158°F)
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Flamability Rating

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.

Mouser Electronics

Authorized Distributor

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Altech:

<u>934083188</u>	<u>934083102</u>	<u>934085101</u>	<u>934079104</u>	<u>934081103</u>	<u>934081100</u>	<u>934085104</u>	<u>934085100</u>	<u>934084103</u>
<u>934079101</u>	<u>934082104</u>	<u>934078104</u>	<u>934084101</u>	<u>934081102</u>	<u>934079103</u>	<u>934082100</u>	<u>934080104</u>	<u>934082102</u>
<u>934081188</u>	<u>934078101</u>	<u>934078102</u>	<u>934085103</u>	<u>934079102</u>	<u>934082103</u>	<u>934083100</u>	<u>934080100</u>	<u>934084100</u>
<u>934081104</u>	<u>934078100</u>	<u>934081101</u>	<u>934082101</u>	<u>934080102</u>	<u>934085188</u>	<u>934085102</u>	<u>934080103</u>	<u>934083104</u>
<u>934080101</u>	<u>934079100</u>	<u>934084104</u>	<u>934083101</u>	<u>934084102</u>	<u>934083103</u>	<u>934078103</u>	<u>934079188</u>	