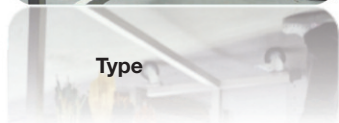




Measuring Leads

4.0 mm Safety Plug System



Type

MLS GG 25/1
MLS GG 25/2,5

MLS GG 50/1
MLS GG 50/2,5

MLS GG 100/1
MLS GG 100/2,5

MLS GG 200/1
MLS GG 200/2,5

Safety measuring lead, at either end 4 mm diameter safety connector with straight 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
Cable size
Cable material
Pin dimensions
Cable type

0.25m (9.8")
1 mm² (18 AWG)
PVC
4 mm (0.157")
LEH-XY

0.5m (19.7")
1 mm² (18 AWG)
PVC
4 mm (0.157")
LEH-XY

1.0m (39.4")
1 mm² (18 AWG)
PVC
4 mm (0.157")
LEH-XY

2.0m (78.7")
1 mm² (18 AWG)
PVC
4 mm (0.157")
LEH-XY

1 mm² (18 AWG)

PART NO. / Housing color

● 934070100
● 934070101
● 934070102
● 934070103
● 934070104

● 934072100
● 934072101
● 934072102
● 934072103
● 934072104

● 934074100
● 934074101
● 934074102
● 934074103
● 934074104

● 934076100
● 934076101
● 934076102
● 934076103
● 934076104

2.5 mm² (14 AWG)

PART NO. / Housing color

● 934071100
● 934071101
● 934071102
● 934071103
● 934071104
● 934071105
● 934071106
● 934071107
● 934071109
● 934071188

● 934073100
● 934073101
● 934073102
● 934073103
● 934073104
● 934073105
● 934073106
● 934073107
● 934073109
● 934073188

● 934075100
● 934075101
● 934075102
● 934075103
● 934075104
● 934075105
● 934075106
● 934075107
● 934075109
● 934075188

● 934077100
● 934077101
● 934077102
● 934077103
● 934077104
● 934077105
● 934077106
● 934077107
● 934077109
● 934077188

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	8.5 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

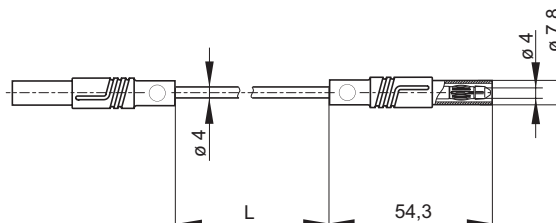
Temperature Range	-15 °C to +70 °C (5°F to 158°F)
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Flamability Rating

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>934076104</u>	<u>934072101</u>	<u>934072104</u>	<u>934075104</u>	<u>934071104</u>	<u>934073106</u>	<u>934073103</u>	<u>934071101</u>	<u>934070103</u>
<u>934073188</u>	<u>934077106</u>	<u>934076103</u>	<u>934076101</u>	<u>934077105</u>	<u>934071100</u>	<u>934074103</u>	<u>934077188</u>	<u>934074101</u>
<u>934077109</u>	<u>934071107</u>	<u>934071188</u>	<u>934071106</u>	<u>934070104</u>	<u>934070101</u>	<u>934075109</u>	<u>934077104</u>	<u>934075188</u>
<u>934077102</u>	<u>934074100</u>	<u>934077101</u>	<u>934072102</u>	<u>934075100</u>	<u>934074102</u>	<u>934070102</u>	<u>934073104</u>	<u>934072103</u>
<u>934075106</u>	<u>934071105</u>	<u>934073109</u>	<u>934073101</u>	<u>934074104</u>	<u>934077103</u>	<u>934073107</u>	<u>934071102</u>	<u>934073105</u>
<u>934075102</u>	<u>934070100</u>	<u>934077100</u>	<u>934071109</u>	<u>934076100</u>	<u>934075107</u>	<u>934075101</u>	<u>934071103</u>	<u>934072100</u>
<u>934077107</u>	<u>934073102</u>	<u>934075105</u>	<u>934076102</u>	<u>934075103</u>	<u>934073100</u>			