



# 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.

	0.25m (9.8")	0.5m (19.7")	1.0m (39.4")	2.0m (78.7")
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	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 mm<sup>2</sup> (18 AWG)

PART NO. / Housing color

● 934070100	● 934072100	● 934074100	● 934076100
● 934070101	● 934072101	● 934074101	● 934076101
● 934070102	● 934072102	● 934074102	● 934076102
● 934070103	● 934072103	● 934074103	● 934076103
● 934070104	● 934072104	● 934074104	● 934076104

### 2.5 mm<sup>2</sup> (14 AWG)

PART NO. / Housing color

● 934071100	● 934073100	● 934075100	● 934077100
● 934071101	● 934073101	● 934075101	● 934077101
● 934071102	● 934073102	● 934075102	● 934077102
● 934071103	● 934073103	● 934075103	● 934077103
● 934071104	● 934073104	● 934075104	● 934077104
● 934071105	● 934073105	● 934075105	● 934077105
● 934071106	● 934073106	● 934075106	● 934077106
● 934071107	● 934073107	● 934075107	● 934077107
● 934071109	● 934073109	● 934075109	● 934077109
● 934071188	● 934073188	● 934075188	● 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

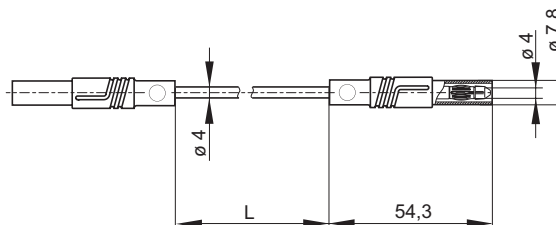
Temperature Range	-15 °C to +70 °C (5°F to 158°F)
-------------------	---------------------------------

### 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.