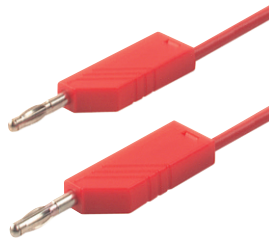




# Measuring Leads 4 mm System



## Type

**MLN 25/1      MLN 50/1      MLN 100/1      MLN 150/1      MLN 200/1**

Measuring lead, at either end 4mm diameter plug with caged spring and 4mm diameter socket for tower construction. Nickel-plated copper beryllium contact spring. Highly flexible, double insulated stranded lead, grip and lead shatter-proof. Built in colour indicator for easy identification of insulation damages.

	<b>MLN 25/1</b>	<b>MLN 50/1</b>	<b>MLN 100/1</b>	<b>MLN 150/1</b>	<b>MLN 200/1</b>
Cable length	<b>0.25m (9.8")</b>	<b>0.5m (19.7")</b>	<b>1.0m (39.4")</b>	<b>1.5m (59.1")</b>	<b>2.0m (78.7")</b>
Cable size	1 mm <sup>2</sup> (17 AWG)	1 mm <sup>2</sup> (17 AWG)	1 mm <sup>2</sup> (17 AWG)	1 mm <sup>2</sup> (17 AWG)	1 mm <sup>2</sup> (17 AWG)
Cable material	PVC	PVC	PVC	PVC	PVC
Pin dimensions	4 mm (0.157")	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	LEH-XY
<b>PART NO. / Housing color</b>	● <b>934058100</b> ● <b>934058101</b> ● <b>934058102</b> ● <b>934058103</b> ● <b>934058104</b>	● <b>934060100</b> ● <b>934060101</b> ● <b>934060102</b> ● <b>934060103</b> ● <b>934060104</b>	● <b>934062100</b> ● <b>934062101</b> ● <b>934062102</b> ● <b>934062103</b> ● <b>934062104</b>	● <b>934064100</b> ● <b>934064101</b> ● <b>934064102</b> ● <b>934064103</b> ● <b>934064104</b>	● <b>934065100</b> ● <b>934065101</b> ● <b>934065102</b> ● <b>934065103</b> ● <b>934065104</b>

## Technical Data

	spring-loaded pin	spring-loaded pin	spring-loaded pin	spring-loaded pin	spring-loaded pin
Contact Type	spring-loaded pin	spring-loaded pin	spring-loaded pin	spring-loaded pin	spring-loaded pin
Voltage Rating	30 VAC / 60 VDC	30 VAC / 60 VDC	30 VAC / 60 VDC	30 VAC / 60 VDC	30 VAC / 60 VDC
Measurement Category (IEC61010)	CAT I	CAT I	CAT I	CAT I	CAT I
Current Rating*	16A	16A	16A	16A	16A
Contact Resistance	8.5 mOhm	13 mOhm	22 mOhm	34 mOhm	40 mOhm

## Material Specifications

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

## Environmental Conditions

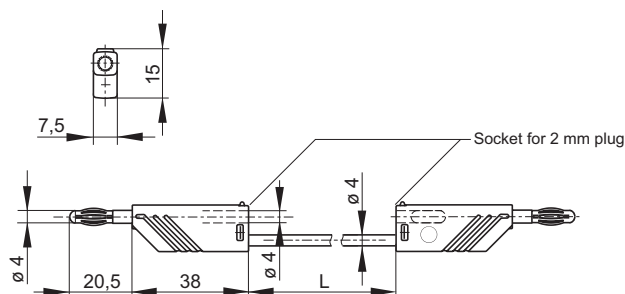
Temperature Range	-15 °C to +70 °C
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## Flamability Rating

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.

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