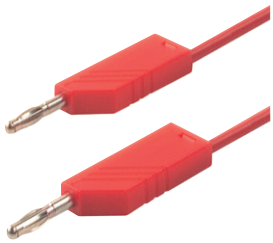


Measuring Leads
4 mm System



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

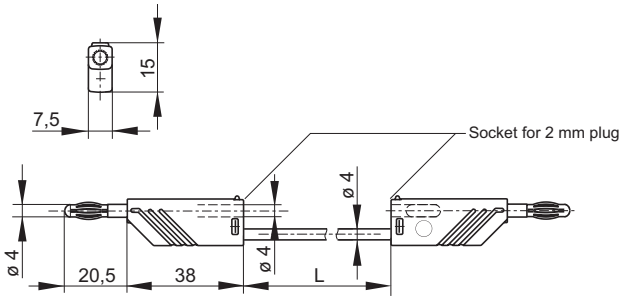
Measuring lead, at either end 4mm diameter plug with caged spring and 4mm diameter socket for tower construction. Nickel-plated copper beryllium contact spring. Highly flexible, double insulated stranded lead, grip and lead shatter-proof. Built in colour indicator for easy identifcation of insulation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

Cable length	**0.25m (9.8")**	**0.5m (19.7")**	**1.0m (39.4")**	**1.5m (59.1")**	**2.0m (78.7")**
Cable size	1 mm² (17 AWG)	1 mm² (17 AWG)	1 mm² (17 AWG)	1 mm² (17 AWG)	1 mm² (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
PART NO. / Housing color					
●	**934058100**	**934060100**	**934062100**	**934064100**	**934065100**
●	**934058101**	**934060101**	**934062101**	**934064101**	**934065101**
●	**934058102**	**934060102**	**934062102**	**934064102**	**934065102**
●	**934058103**	**934060103**	**934062103**	**934064103**	**934065103**
●	**934058104**	**934060104**	**934062104**	**934064104**	**934065104**

Technical Data					
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		
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.