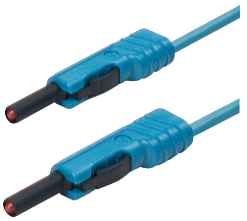
Measuring Leads
4 mm Retractable Sleeve System

Altech Corp.® by HIRSCHMANN® Test & Measurement

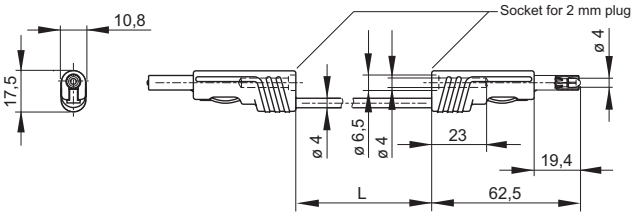


Type	MLB 25/1 V	MLB 50/1 V	MLB 100/1 V	MLB 200/1 V
	Contact-protected measuring lead, at either end: 4 mm diameter plug, insulated by latching and sprung insulated sleeve which is only released by pressure on the side mounted locking spring. 4 mm diameter nickel-plated. Highly flexible, double insulated stranded conductor. Color indicator for the recognition of damage to the insulation. 4 mm diameter socket for tower construction.			
Cable length	**0.25m (9.8")**	**0.5m (19.7")**	**1.0m (39.4")**	**2.0m (78.7")**
Cable size	1 mm² (18 AWG)	1 mm² (18 AWG)	1 mm² (18 AWG)	1 mm² (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
PART NO. / Housing color	**973644100**	**973645100**	**973646100**	**973647100**
	973644101	**973645101**	**973646101**	**973647101**
	973644102	**973645102**	**973646102**	**973647102**
	973644103	**973645103**	**973646103**	**973647103**
	973644104	**973645104**	**973646104**	**973647104**
			973646188	

Technical Data				
Contact Type	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
Measurement Category (IEC61010)	CAT I	CAT I	CAT I	CAT I
Current Rating*	16 A	16 A	16 A	16 A
Contact Resistance	8.5 mOhm	13 mOhm	22 mOhm	40 mOhm
Material Specifications				
Contact Pin		nickel plated brass		
Contact Spring		copper-berylium		
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.