

K100 Cable Datasheet

SC, L0B 6p, B

Signal cable between signal input/measurement module and sensor for unipolar excitation

Description

The signal cables are manufactured specifically for CSM. Highly durable wires are used, which are characterized by a high interference resistance and a good signal quality.

Temperature

The temperature range specified for the main cable, excluding connectors, is -50 to 200 °C. The temperature range specified for the connectors may vary depending on the type (e.g. LEMO B connector: -55 to 250 °C; D-Sub: -55 to 105 °C; Banana: -40 to 80 °C; LEMO Redel: -50 to 150 °C).

Main Cable Diameter

3.7 mm

Bending Radius

10 x Diameter (permanently installed)

Connectors

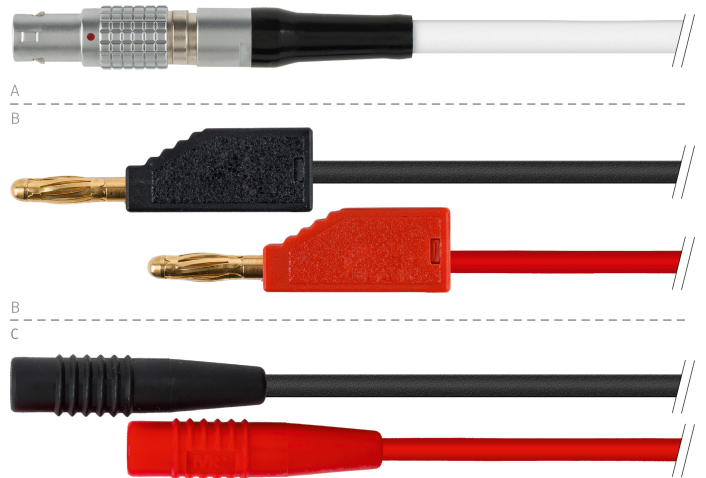
Code	Connector Type	Poles	Code	Gender
A	L0B	6-pole	Code: A	male
B	2x B	1-pole		male
C	2x B	1-pole		female

A:



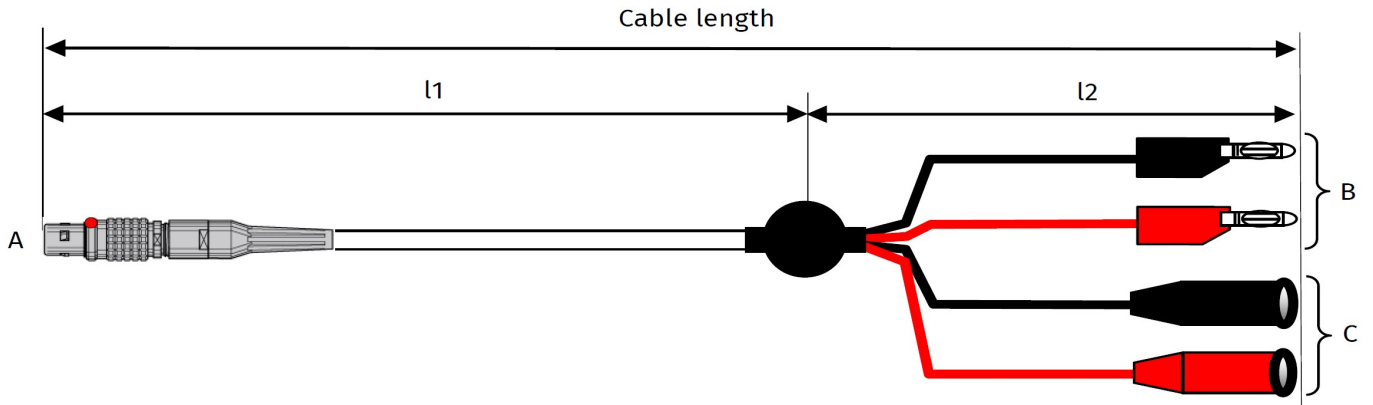
Variants

Item No.	Cable Name	Length
ART0201150	K100-0120	1.2 m
	I1: 1 m I2: 0.2 m	
ART0201167	K100-0300	3 m
	I1: 2.8 m I2: 0.2 m	
ART1060101	K100-0500	5 m
	I1: 4.8 m I2: 0.2 m	



Picture similar to actual product

Overview



Pinning

Con. A Pin	Signal	Cable Wire Color	Con. B Pin	Con. C Pin
1	VIN+	red	red	-
2	VIN-	black	black	-
4	VOUT+	orange	-	red
5	GND	brown	-	black
Housing	Cable shield	-	-	-
3, 6 n.c.	-	-	-	-



CSM GmbH

Raiffeisenstr. 36
70794 Filderstadt
Germany

Technical Questions:
www.csm.de/service-and-support

Sales Contact:
www.vector.com/contact

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