

K643 Cable Datasheet

SC, L1B 8p, B, TR

Signal cable between signal input/measurement module and sensor incl. bipolar excitation with 4 mm banana plugs and -jacks; programmable TEDS chip integrated

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 -40 to 150 °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

5 mm

Bending Radius

5 x Diameter (permanently installed)

Connectors

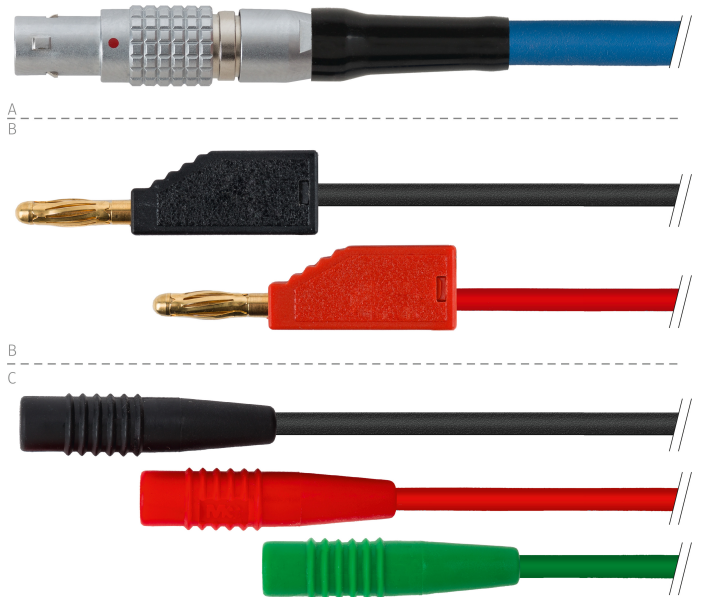
Code	Connector	Poles	Code	Gender
A	L1B	8-pole	Code: G	male
B	2x B	1-pole		male
C	3x B	1-pole		female

A:



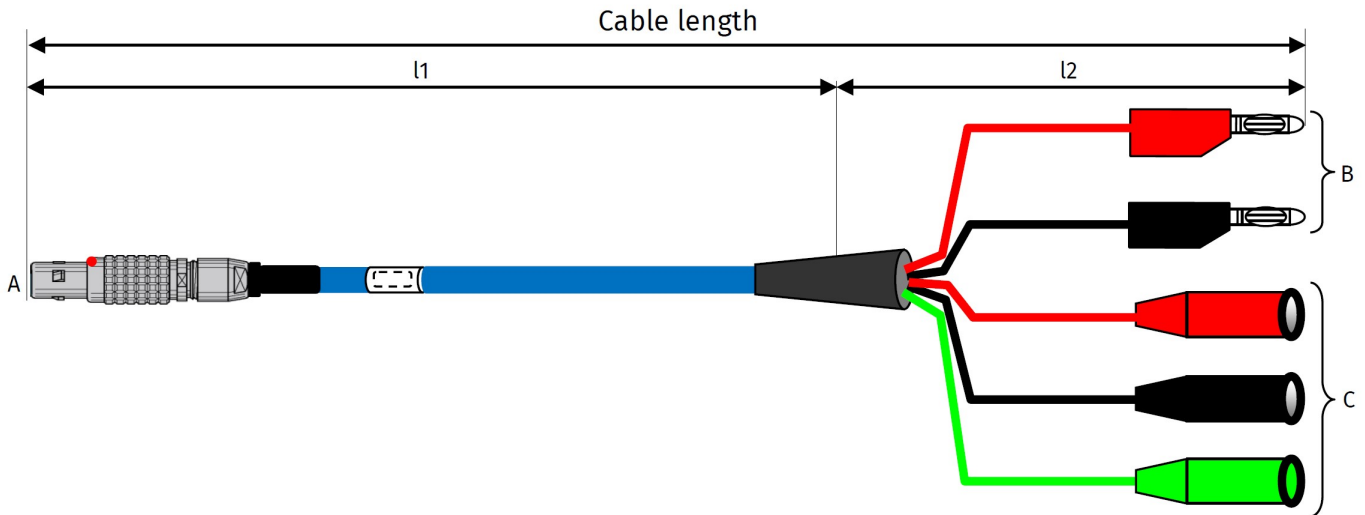
Variants

Item No.	Cable Name	Length
ART1420500	K643-0120	1.2 m
	I1: 1 m I2: 0.2 m	
ART1420501	K643-0500	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-	purple	black	-
2	VIN+	blue	red	-
3	GND	pink	-	black
4	VOUT+	red	-	red
5	VOUT-	grey	-	green
7	Channel shield	-	-	-
8	Data	-	-	-
Housing	Cable shield	-	-	-
6 n.c.	-	-	-	-



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