

K642 Cable Datasheet

SC, L1B 8p, open, TR

Signal cable between signal input/measurement module and sensor, open cable end, 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

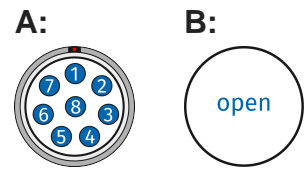
5 mm

Bending Radius

5 x Diameter (permanently installed)

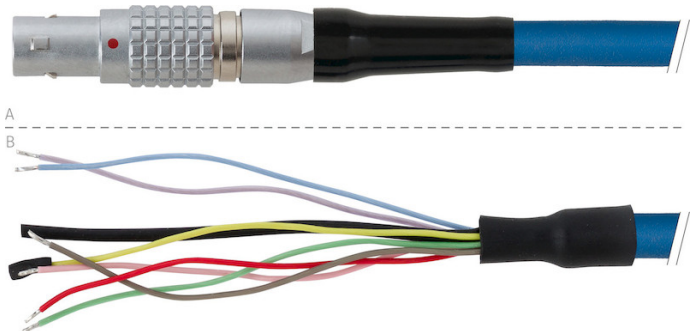
Connectors

A	L1B	8-pole	Code: G	male
B	open			



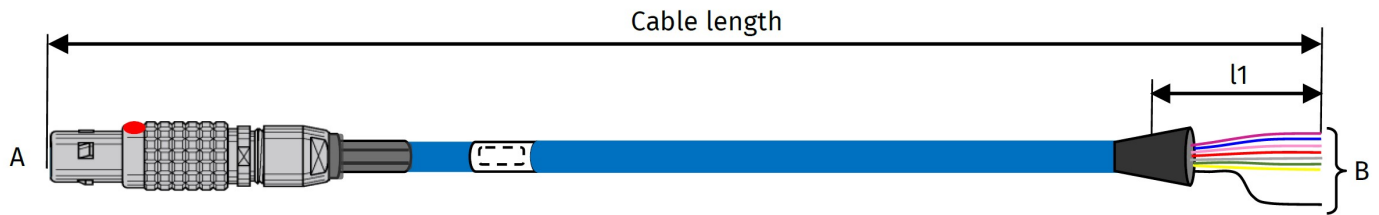
Variants

Item No.	Cable Name	Length
ART1420112	K642-0120	1.2 m
	I1: 0.05 m	
ART1420113	K642-0500	5 m
	I1: 0.05 m	
ART1420115	K642-1000	10 m
	I1: 0.05 m	



Picture similar to actual product

Overview



Pinning

Con. A Pin	ADMM ECAT Signal	STGMM Signal	Cable Wire Color
1	VIN-	VIN-	purple
2	VIN+	VIN+	blue
3	GND	VOUT-	pink
4	VOUT+	VOUT+	red
5	VOUT-	VSENSE-	grey
6	-	VSENSE+	green
7	Channel shield	Channel shield	black
8	Data	Data	yellow
Housing	Cable shield	Cable shield	-



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