

# K163 Cable Datasheet

SC, L2B 16p, TC\_K

Signal cable between signal input/measurement module and 8 type K thermocouples

## 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 -100 to 205 °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

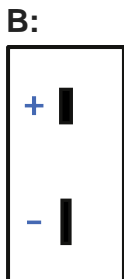
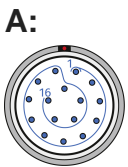
6.5 mm

## Bending Radius

15 x Diameter (permanently installed)

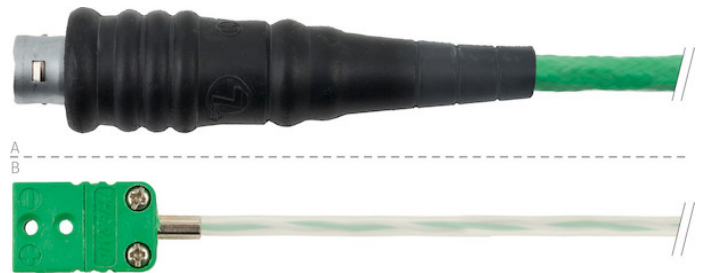
## Connectors

<b>A</b>	L2B	16-pole	Code: G	male
<b>B</b>	8x TC_K	2-pole		female



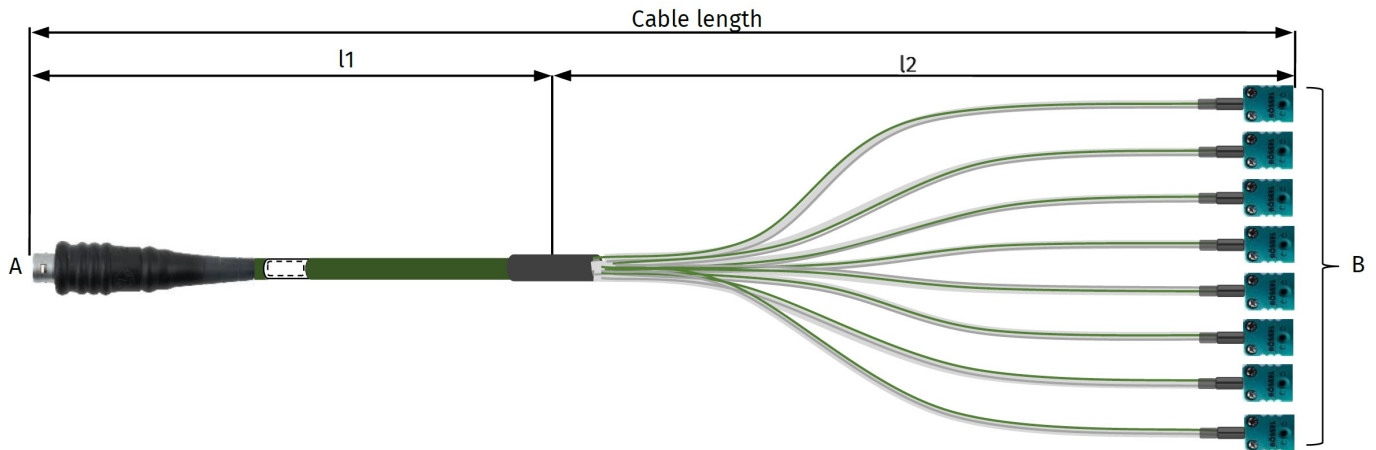
## Variants

Item No.	Cable Name	Length
ART1060601	K163-0125	1.25 m
	I1: 1.15 m I2: 0.1 m	
ART0201149	K163-0225	2.25 m
	I1: 2.15 m I2: 0.1 m	



Picture similar to actual product

## Overview



## Pinning

Con. A Pin	Signal	Cable Wire Color	Con. B Pin
1	K1+	green	plus
2	K1-	white	minus
3	K2+	green	plus
4	K2-	white	minus
5	K3+	green	plus
6	K3-	white	minus
7	K4+	green	plus
8	K4-	white	minus
9	K5+	green	plus
10	K5-	white	minus
11	K6+	green	plus
12	K6-	white	minus
13	K7+	green	plus
14	K7-	white	minus
15	K8+	green	plus
16	K8-	white	minus
Cable shield	Cable shield	-	-



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