

K832 Cable Datasheet

SC, OA1 8p, open, 1/4, T

Signal cable between signal input/measurement module and strain gauge sensor with quarter bridge completion for 120 ohm or 350 ohm, 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

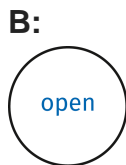
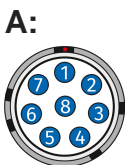
5 mm

Bending Radius

5 x Diameter (permanently installed)

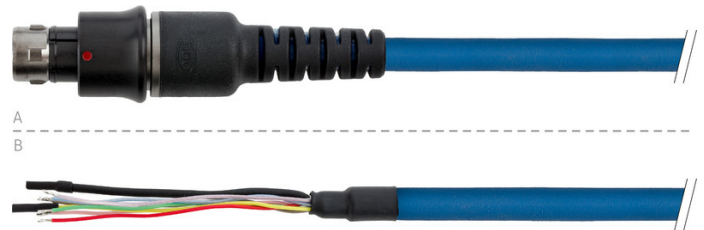
Connectors

Code	Connector Type	Poles	Code	Gender
A	OA1	8-pole	Code: C	male
B	open			



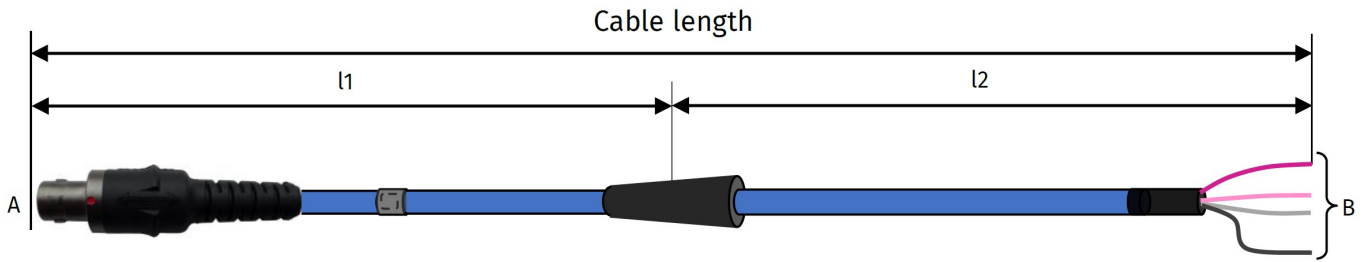
Variants

Item No.	Cable Name	Length
ART1421002	K832-0200 /120	2 m
	I1: 1 m I2: 1 m	
ART1421003	K832-0200 /350	2 m
	I1: 1 m I2: 1 m	
ART1421004	K832-0500 /120	5 m
	I1: 4 m I2: 1 m	
ART1421005	K832-0500 /350	5 m
	I1: 4 m I2: 1 m	
ART1421007	K832-1000 /350	10 m
	I1: 9 m I2: 1 m	



Picture similar to actual product

Overview



Pinning

Con. A Pin	Signal	Cable Wire Color	Circuit	Con. B Wire Color	
1	VIN-	purple		purple	
2	VIN+	blue		blue	
3	VOUT-	pink		pink	
4	VOUT+	red		red	
5	VSENSE-	grey		-	
6	VSENSE+	green		-	
7	Channel shield	Drain wire		Drain wire	Drain wire
8	Data	yellow		-	
Housing	Cable shield	-	-		
			<p>Channel shield = drain wire</p>		

*) R is 120 resp. 350 ohm, depending on ART



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