

K356 Cable Datasheet

SC, L1B 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

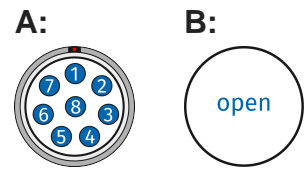
5 mm

Bending Radius

5 x Diameter (permanently installed)

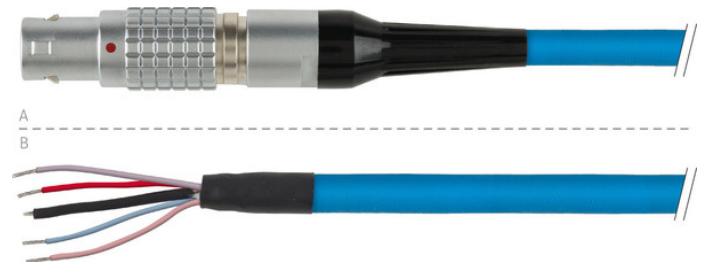
Connectors

A	L1B	8-pole	Code: G	male
B	open			



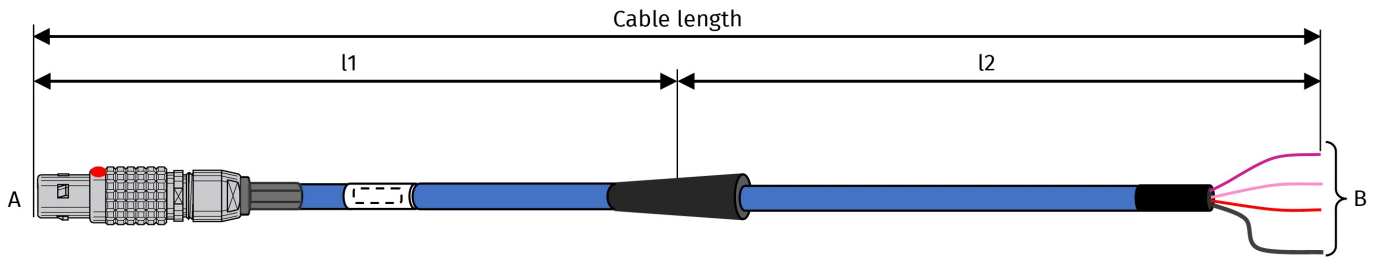
Variants

Item No.	Cable Name	Length
ART1420101	K356-0200 /350	2 m
	I1: 1 m I2: 1 m	
ART1420102	K356-0200 /120	2 m
	I1: 1 m I2: 1 m	
ART1420105	K356-0500 /350	5 m
	I1: 1 m I2: 4 m	



Picture similar to actual product

Overview



Pinning

Con. A Pin	Signal	Cable Wire Color	Circuit	Con. B Wire Color
1	VIN-	violett	VT	violett
2	VIN+	blue	BU	-
3	VOUT-	pink	PK	pink
4	VOUT+	red	RD	red
5	VSENSE-	grey	GY	-
6	VSENSE+	green	GN	-
7	Channel shield	-	Drain Wire	-
8	Data	yellow	YE	-
Housing	Cable shield	-	Shield	-
-	-	-		-
-	-	-		-
-	-	-	Channel shield = drain wire	-

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



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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