

K831 Cable Datasheet

SC, OA1 8p, open

Signal cable for CSM measurement module with ODU AMC1 connector; open cable end

Description

Signal cables are especially manufactured for CSM. They use a robust line and are characterized by a high interference resistance and a good signal quality.

Temperature

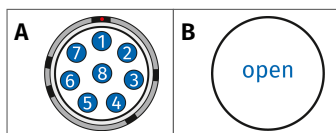
The specified temperature range of the main cable excluding connectors is -40 °C to 150 °C. The specified temperature range for connectors may vary depending on the type (e.g. LEMO B connector: -55 °C to 250 °C; D-Sub: -55 °C to 105 °C; Banana: -40 °C to 80 °C; LEMO Redel: -50 °C to 150 °C).

Bending Radius

5 × Diameter

Connectors

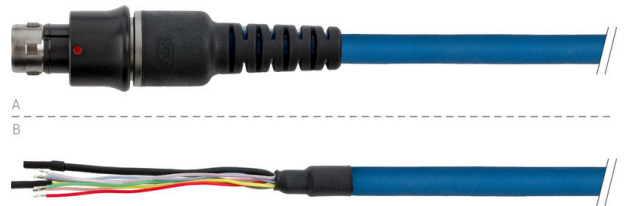
A OA1 8-pole Code: C male
B open



Frontal view connector

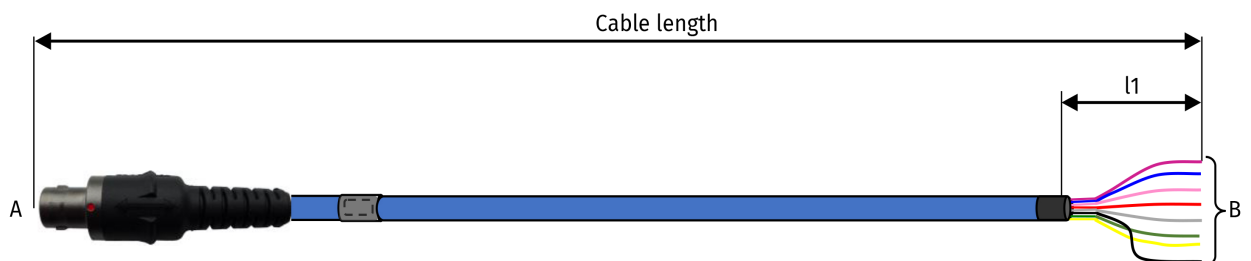
Variants

Item No.	Cable Name	Length
ART1421001	K831-0120	1.2 m
	l1: 0.05 m	
ART1421008	K831-0200	2 m
	l1: 0.05 m	
ART1421009	K831-0700	7 m
	l1: 0.05 m	



Picture similar to actual product

Overview



Pinning

Con. A Pin	ADMM Signal	STGMM Signal	Cable Wire Color
1	VIN-	VIN-	purple
2	VIN+	VIN+	blue
3	VOUT0	VOUT-	pink
4	VOUT+	VOUT+	red
5	VOUT-	VSENS-	grey
6	-	VSENS+	green
7	Channel shield	Channel shield	black (Drain wire)
8	Data *)	Data *)	yellow
Housing	Cable shield	Cable shield	-

*) Only for measurement modules with TEDS support



CSM GmbH Headquarters (Germany)

Raiffeisenstraße 36 • 70794 Filderstadt

☎ +49 711-77 96 40 ✉ sales@csm.de

CSM Office Southern Europe (France, Italy)

Site d'Archamps

60, rue Douglas Engelbart • Immeuble ABC 1, Entrée A – 1er étage

74160 Archamps, France

☎ +33 450-95 86 44 ✉ info@csm-produits.fr

CSM Products, Inc. USA (USA, Canada, Mexico)

1920 Opdyke Court, Suite 200 • Auburn Hills, MI 48326

☎ +1 248 836-4995 ✉ sales@csmproductsinc.com

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Vector Informatik (China, Japan, Korea, India, Great Britain)

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