

K180 Cable Datasheet

CC, PH M12 5p, L0B 5p/ L1B 2p

ECM interface cable including power supply connector

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 -30 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

5.6 mm

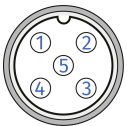
Bending Radius

5 x Diameter (permanently installed)

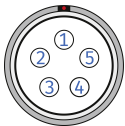
Connectors

Code	Connector Type	Poles	Code	Gender
A	PH M12	5-pole	Code: A	female
B	2x L0B	5-pole	Code: G	female
C	L1B	2-pole	Code: J	male

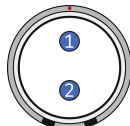
A:



B:

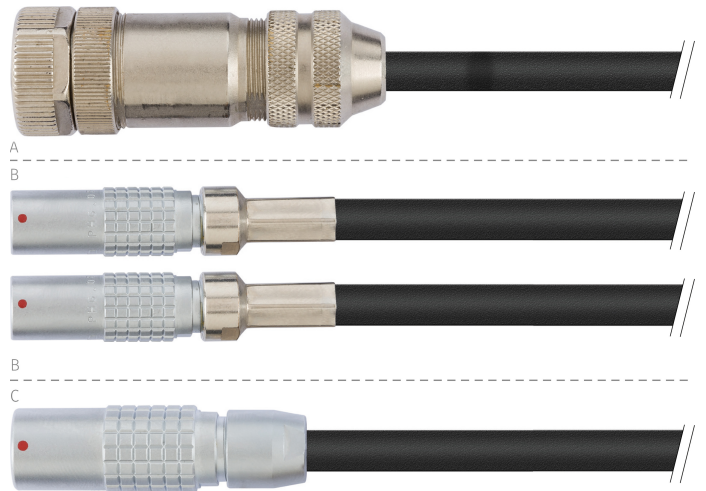


C:



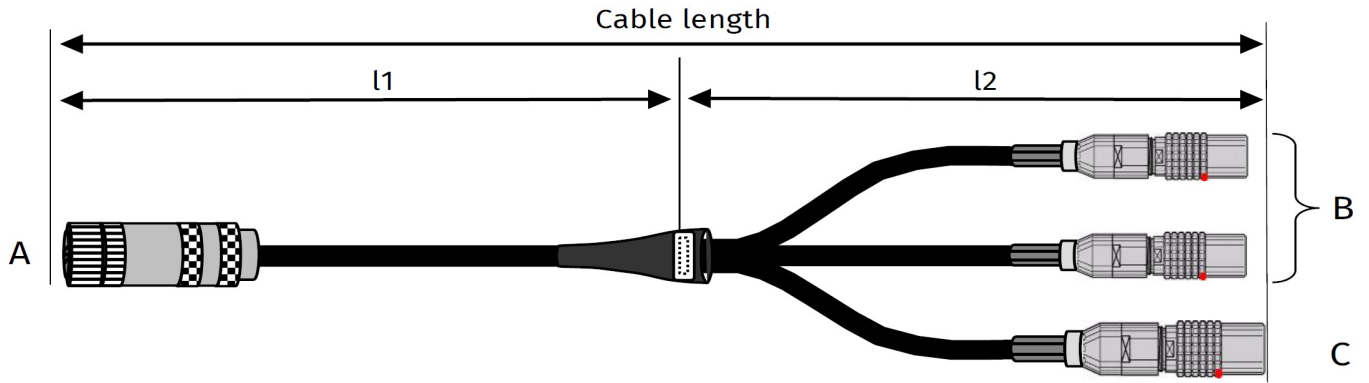
Variants

Item No.	Cable Name	Length
ART1180300	K180-0020	0.2 m
	I1: 0.1 m I2: 0.1 m	



Picture similar to actual product

Overview



Pinning

Con. A	Cable		Con. B		Con. C
Pin	Signal	Wire Color	Pin	Pin	Pin
2	ECM Power +	red	-	-	1
3	ECM Power GND	black	-	-	2
4	CAN_H	yellow	3	3	-
5	CAN_L	green	4	4	-
-	CAN_GND	grey	5	5	-
Housing	Cable shield	-	Housing	Housing	Housing
-	CSM Power +	red	1	1	-
-	CSM Power GND	black	2	2	-
1 n.c.	-	-	-	-	-



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