

# K182 Cable Datasheet

IC, F102 7p, L1B 8p / B, R

CAN interface cable for ETAS ES690, ES590/91 and ES592/93-D/95 incl. power supply line; integrated 120 ohm termination resistor

## 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

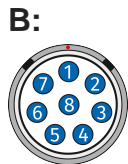
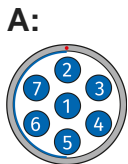
5.6 mm

## Bending Radius

5 x Diameter (permanently installed)

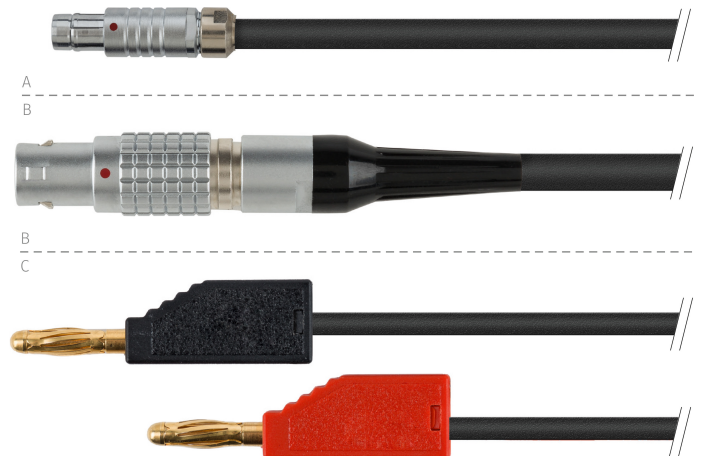
## Connectors

Code	Connector Type	Poles	Code	Gender
A	F102	7-pole	Code: 1	male
B	L1B	8-pole	Code: C	male
C	2x B	1-pole		male



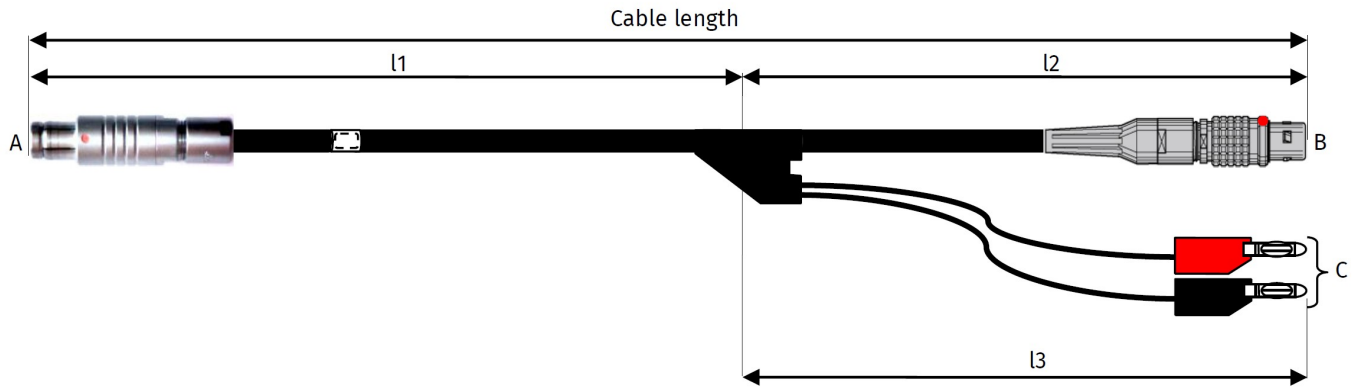
## Variants

Item No.	Cable Name	Length
ART1050308	K182-0060	0.6 m
	I1: 0.3 m I2: 0.3 m I3: 1 m	
ART1050307	K182-0250	2.5 m
	I1: 1.5 m I2: 1 m I3: 1 m	
ART1050309	K182-0500	5 m
	I1: 4 m I2: 1 m I3: 1 m	
ART1050310	K182-1000	10 m
	I1: 9 m I2: 1 m I3: 1 m	



Picture similar to actual product

## Overview



## Pinning

Con. A Pin	Signal	Wire Color	Con. B Pin	Con. C Pin
4 + 5	Power +	red	-	red
6 + 7	Power GND	black	-	black
2	CAN_H	yellow	7*	-
3	CAN_L	green	2*	-
-	-	-	3**	-
-	-	-	6**	-
Housing	Cable shield	-	Housing	-
1 n.c.	-	-	1, 4, 5, 8 n.c.	-

\*) 120 ohm Termination between pin 2 and 7

\*\*\*) Wire jumper between pin 3 and 6



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