

K490 Cable Datasheet

CC, L1B 8p, L1B 8p / B

Connection cable for connecting EtherCAT measurement modules to an XCP measurement module with bidirectional supply

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

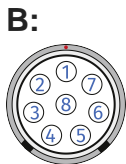
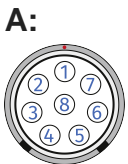
6.2 mm

Bending Radius

5 x Diameter (permanently installed)

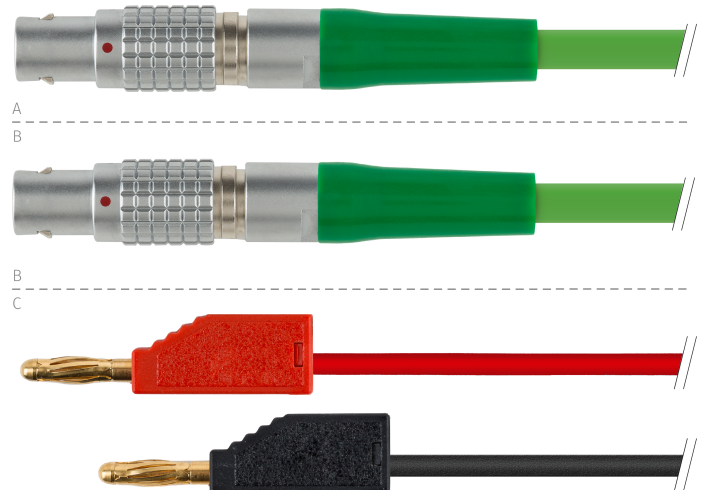
Connectors

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



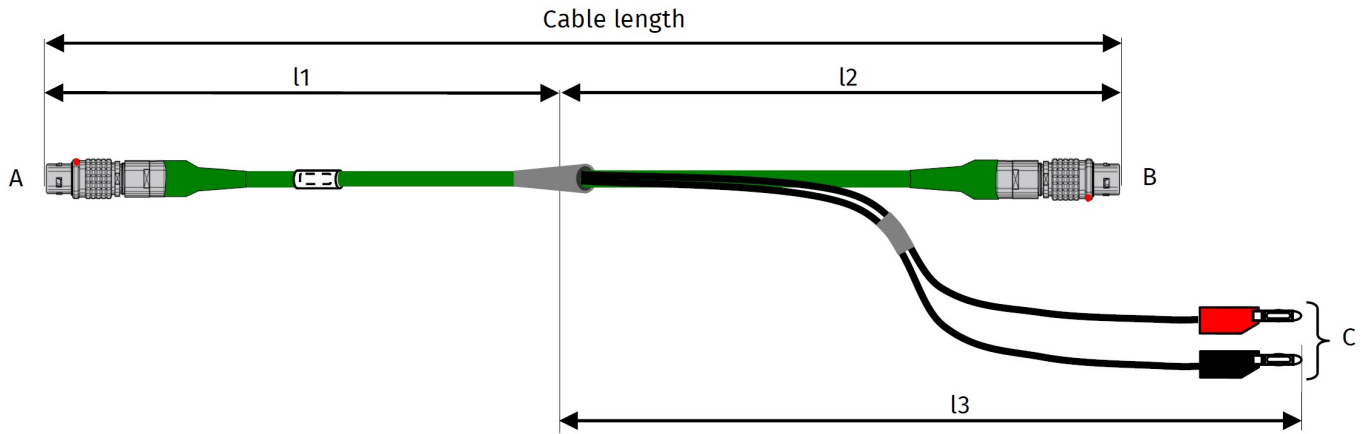
Variants

Item No.	Cable Name	Length
ART1401051	K490-0050	0.5 m
	I1: 0,25 m I2: 0,25 m I3: 3 m	
ART1401052	K490-0250	2.5 m
	I1: 1,25 m I2: 1,25 m I3: 3 m	
ART1401053	K490-0500	5 m
	I1: 2,5 m I2: 2,5 m I3: 3 m	
ART1401054	K490-1000	10 m
	I1: 5 m I2: 5 m I3: 3 m	



Picture similar to actual product

Overview



Pinning

Con. A Pin	Signal	Cable Wire Color	Con. B Pin	Signal	Con. C Pin
1	Power +	green	1	Power +	red
2	Power GND	black	2	Power GND	black
3	Rx-	purple	3	Rx-	-
4	Tx-	pink	4	Tx-	-
5	Rx+	blue	5	Rx+	-
6	Power GND	black	6	Power GND	black
7	Power +	green	7	Power +	red
8	Tx+	red	8	Tx+	-
Housing	Cable shield	-	Housing	Cable shield	-



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