

K810 Cable Datasheet

IC, OA0 7p, DS9p / B

Cable between CAN socket and measurement module

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

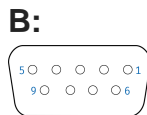
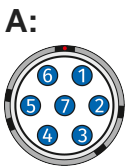
5.6 mm

Bending Radius

5 x Diameter (permanently installed)

Connectors

| Code | Connector Type | Poles | Code | Gender |
|------|----------------|--------|---------|--------|
| A | OA0 | 7-pole | Code: A | male |
| B | DS | 9-pole | | female |
| C | 2x B | 1-pole | | male |



Variants

| Item No. | Cable Name | Length |
|------------|---------------------------|--------|
| ART1410101 | K810-0250 | 2.5 m |
| | I1: 1.5 m I2: 1 m I3: 1 m | |
| ART1410102 | K810-0500 | 5 m |
| | I1: 4 m I2: 1 m I3: 1 m | |
| ART1410103 | K810-1000 | 10 m |
| | I1: 9 m I2: 1 m I3: 1 m | |



A
B

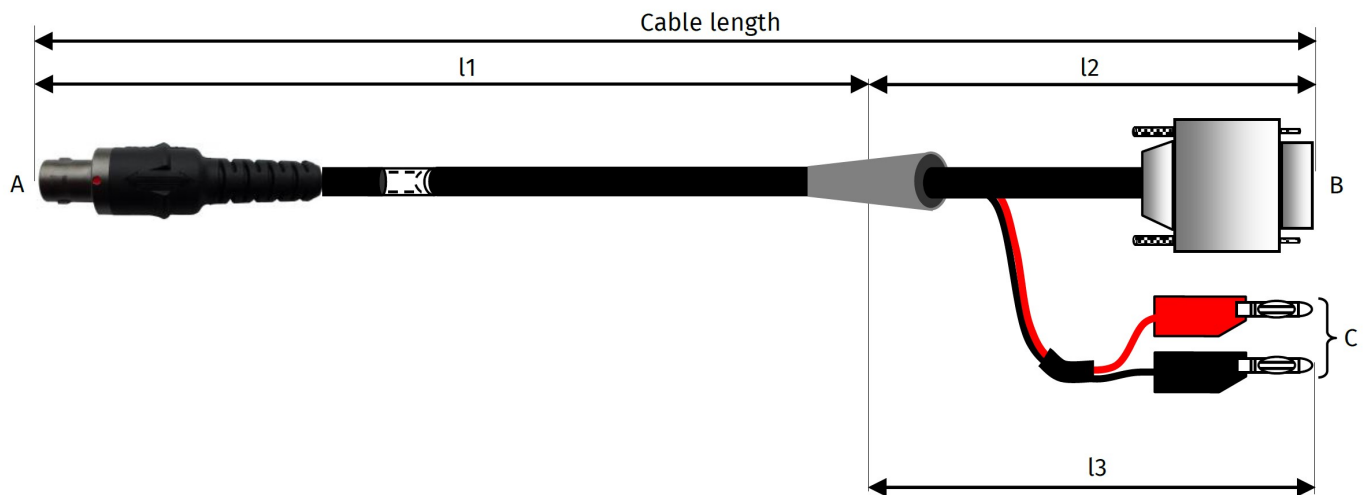


B
C



Picture similar to actual product

Overview



Pinning

| Con. A Pin | Signal | Cable Wire Color | Con. B Pin | Con. C Pin |
|---------------|--------------|---------------------|-----------------------|---------------|
| 1 + 2 | Power + | red | - | red |
| 3 + 4 | Power GND | black | - | black |
| 5 | CAN_H | yellow | 7 | - |
| 6 | CAN_L | green | 2 | - |
| Housing | Cable Shield | - | 5 + Housing | - |
| 7 n.c. | - | - | 1, 3, 4, 6, 8, 9 n.c. | - |



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