

# K701 Cable Datasheet

SC, L1B 8p, BNC

Signal cable between signal input/measurement module and sensor (BNC 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 -55 to 200 °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

2.8 mm

## Bending Radius

10 x Diameter (permanently installed)

## Connectors

|          |     |        |         |      |
|----------|-----|--------|---------|------|
| <b>A</b> | L1B | 8-pole | Code: G | male |
| <b>B</b> | BNC | 2-pole |         | male |

**A:**



**B:**



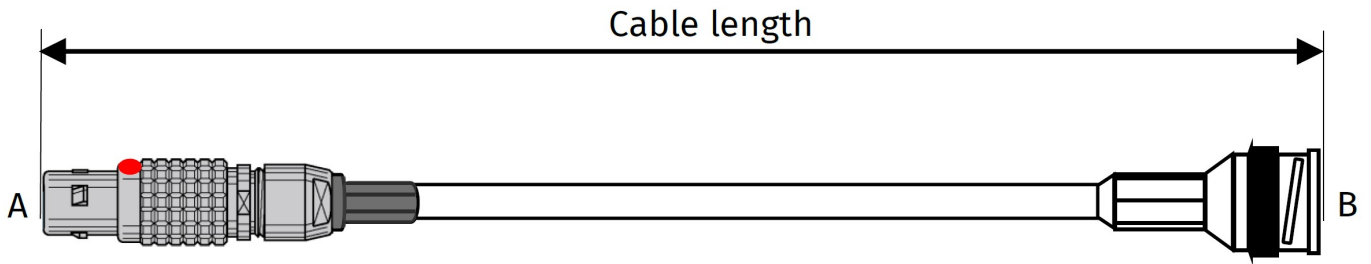
## Variants

| Item No.   | Cable Name | Length |
|------------|------------|--------|
| ART1420321 | K701-0120  | 1.2 m  |



Picture similar to actual product

## Overview



## Pinning

| Con. A<br>Pin         | Signal       | Cable<br>Wire     | Con. B<br>Pin   |
|-----------------------|--------------|-------------------|-----------------|
| 1                     | VIN-         | 1. Shield (inner) | Housing         |
| 2                     | VIN+         | Inner conductor   | Inner conductor |
| Housing               | Cable shield | 2. Shield (outer) | -               |
| 3, 4, 5, 6, 7, 8 n.c. | -            | -                 | -               |



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