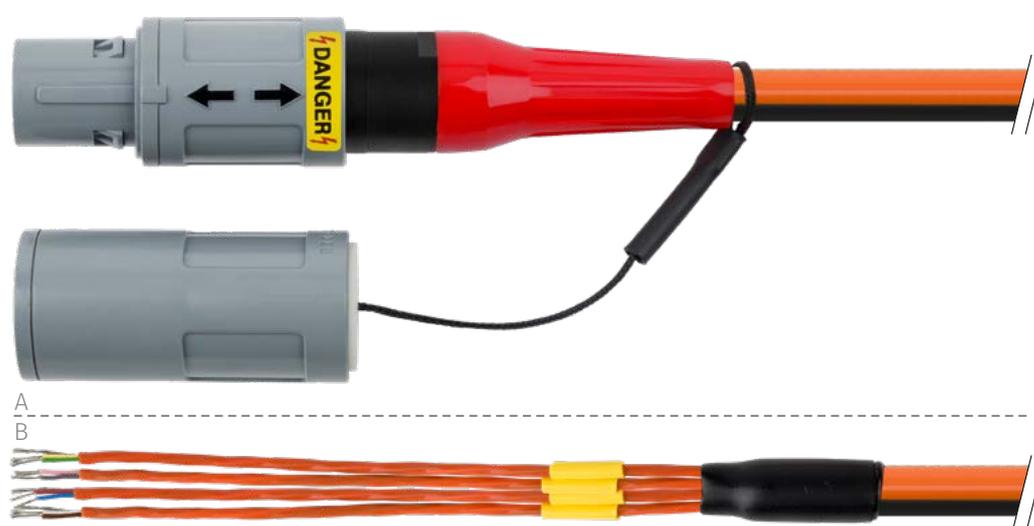# K912
SC, R2P 8p, open

Connection cable between an HV analog measurement module and four sensors with measurement voltages up to 1,000 V

Description

Connection cable between an HV analog measurement module and four sensors (without sensor supply). Shielding per channel for suppressing interferences.

Each cable was subject to an isolation test according to EN 61010-1:2010 before delivery.

Technical data

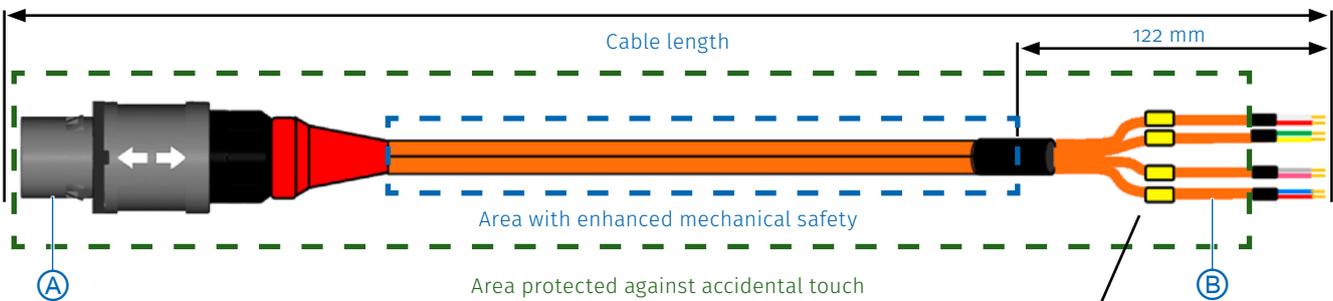|	
Diameter	7.4 mm
Strip lengths	
Outer sheath	122 mm
Wire jacket	22 mm
Open cable end	2 mm (tinned)
Operating temperature range	-40 °C to +125 °C, pressure resistance until about +80 °C

Connectors

A Plug   LEMO Redel 2P   8-pole   code D
B 4 × open cable end, 2 wires + shield each

Variants

Article number	Cable number	Length
ART1423703	K912-0200	2 m
ART1423704	K912-0300	3 m

CSM GmbH
Computer-Systeme-Messtechnik

Innovative Measurement and Data Technology

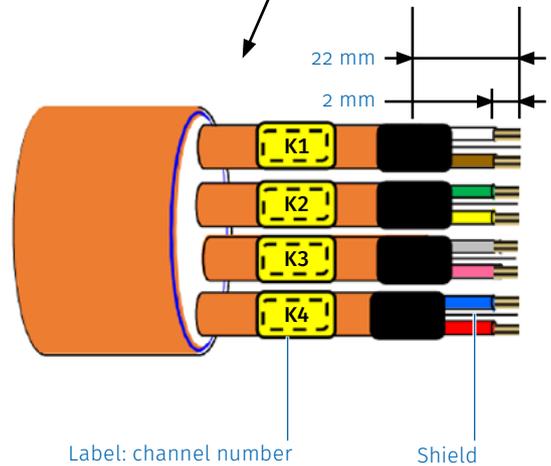|	NOTE!
ℹ	Since cables are often exposed to chafing on bodywork parts, this cable disposes over a multi-stage safety concept. ▶ The **orange outer sheath** provides high mechanical and electrical safety. ▶ If the underlying **blue intermediate sheath** becomes visible, this indicates that the cable is no longer mechanically safe. The operational safety is put at risk upon further mechanical stress. ▶ The inner **orange wire jackets** still belong to the area protected against accidental touch. However, their mechanical robustness is limited.

	WARNING!
⚡	The open cable end is not protected against accidental touch. Touching the open cable end or a damaged cable sheath bears the risk of life-threatening electrical shocks. ☞ Do not touch cable end and damaged cable.

Cable length · 122 mm · Area with enhanced mechanical safety · Area protected against accidental touch · Ⓐ · Ⓑ

Pinning

Connector A	Cable end B	
Pin	Signal	Wire Color
1	K1 +	white
n. c.*	K1 Shield	—
2	K1 −	brown
3	K2 +	green
n. c.*	K2 Shield	—
4	K2 −	yellow
5	K3 +	grey
n. c.*	K3 Shield	—
6	K3 −	pink
7	K4 +	blue
n. c.*	K4 Shield	—
8	K4 −	red

* not connected

22 mm · 2 mm · Label: channel number · Shield

CSM GmbH Germany is certified.

ISO 9001, ISO 14001
Certified Integrated Quality and Environmental Management System
TÜV SÜD
www.tuv-sud.com/ms-cert

CSM GmbH
Computer-Systeme-Messtechnik