

0153023	<b>DATA SHEET</b>	
Valid from: 2025-01-23	<b>DIN compensating cable KP 15 L-SIL-S 2x1,5 round</b>	

## Application

The compensating cable KN 15 L-SIL-S 2x1.5 mm<sup>2</sup> is a silicone insulated cable which transmits the thermoelectric voltage of PtRh/Pt thermocouples. It is for flexible use and fixed installation in dry rooms with low mechanical load. They may only be installed outdoors with UV- and humidity protection and in observation of the max. permitted temperature range. The steel wire armouring serves as mechanical protection.

## Design

Conductor	1.5 mm <sup>2</sup> (48 x 0.20 mm) RCB/SCB alloying, accuracy class 2 acc. to DIN 43722 Positive conductor: Cu (copper) Negative conductor: CuNi (cupronickel)
Insulation	Silicone compound
Core identification code	Positive conductor: red Negative conductor: white
Cable assembly	Cores twisted together
Outer sheath	Silicone compound Colour: white
Armouring	Galvanized steel wire braiding with interweaved white identification thread

## Electrical properties at 20 °C

Limiting deviation class 2                      ±60 µV (±5.0 °C) / measuring point temperature +1000 °C

## Mechanical and thermal properties

Minimum bending radius	occasional flexing: 15 x outer diameter
Temperature range	occasional flexing: -25 °C up to +180 °C
Flammability	flame retardant acc. to IEC 60332-1-2 resp. EN 60332-1-2

Creator: ALTE/PDC	Document: DB0153023EN	Page 1 of 1
Released: LABU/PDC	Version: 03	