

0152019	<b>DATA SHEET</b>	
Valid from: 01.04.2019	<b>DIN compensating cable KN 13 L-SIL 2x1,5 oval</b>	

## Application

The compensating cable KN 13 L-SIL 2 x 1,5 mm<sup>2</sup> is a silicone and glass fibre insulated cable which transmits the thermoelectric voltage of NiCr/Ni thermocouples. It is for fixed installation in dry rooms. It may only be installed outdoors with UV and humidity protection and in observation of the max. permitted temperature range.

## Design

Conductor	1.5 mm <sup>2</sup> (48 x 0.20 mm)
Conductor material	KCA alloying, accuracy class 2 according DIN 43722
	Positive conductor: Fe (iron)
	Negative conductor: CuNi (cupronickel)
Core insulation	Silicone compound
Core identification	Positive conductor: red
	Negative conductor: green
Core layering	Cores parallel next to each other
Outer sheath	Glass fibre braiding with interweaved green identification thread

## Electrical properties

Limiting deviation class 2	±100 µV (±2.5 °C) / measuring point temperature +900 °C
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## Mechanical and thermal properties

Temperature range	occasional flexing: -25 °C up to +180 °C
Minimum bending radius	occasional flexing: 12 x cable diameter
Flammability	flame retardant in acc. to IEC 60332-1-2 resp. VDE 0482-332-1-2

AbN  
automation

Creator: TOME/PCM Released: ALTE/PDC	Document: DB0152019EN Version: 02	Page 1 of 1
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