

0152017	<b>DATA SHEET</b>	
Valid from: 01.04.2019	<b>DIN compensating cable KN 12 L 2x1,5 oval</b>	

## Application

The compensating cable KN 12 L 2 x 1,5 mm<sup>2</sup> is a PVC insulated cable which transmits the thermoelectric voltage of NiCr/Ni thermocouples. It is for flexible use and fixed installation in dry and damp rooms. They may only be installed outdoors with UV 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	PVC compound
Core identification	Positive conductor: red Negative conductor: green
Core layering	Cores parallel next to each other
Outer sheath	PVC compound, colour: green

## Electrical properties

Limiting deviation class 2      ±100 µV (±2.5 °C) / measuring point temperature +900 °C

## Mechanical and thermal properties

Temperature range	occasional flexing: -5 °C up to +70 °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

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