



DATA SHEET	0152022
DIN compensating cable KN 15 L-SIL 2x1,5 round	valid from : 01.12.2008

Application

The compensating cable KN 15 L-SIL 2 x 1,5 mm² is a silicone insulated cable which transmits the thermoelectric voltage of NiCr/Ni thermocouples. It is for flexible use and fixed installation in dry and damp rooms without mechanical load. They may only be installed outdoors with UV protection and in observation of the max. permitted temperature range.

Design

Conductor	1,5 mm ² (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 twisted together
Outer sheath	Silicone compound, colour: green

Electrical properties

Limiting deviation class 2 ± 100 µV (± 2,5 °C) / m measuring point temperature +900 °C

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

Originator: Frank Hörtnagl / PD-KL Approved: Werner Körner / TE	Document: DB0152022EN	page 1 of 1
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