



<b>DATA SHEET</b>	0162045
<b>IEC compensating cable KN 92 L 2x0,75</b>	valid from : 01.12.2008

## Application

The compensating cable KN 92 L 2 x 0,75 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	0,75 mm <sup>2</sup> (24 x 0,20 mm)
Conductor material	KCA alloying, accuracy class 2 according IEC 60584 Positive conductor: Fe (iron) Negative conductor: CuNi (cupronickel)
Core insulation	PVC compound
Core identification	Positive conductor: green Negative conductor: white
Core layering	Cores twisted together
Outer sheath	PVC 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:      -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

Originator: Frank Hörtnagl / PD-KL Approved: Werner Körner / TE	Document:      DB0162045EN	page 1 of 1
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