



<b>DATA SHEET</b>	0153010
<b>DIN compensating cable KP 9 L 2x1,5 round</b>	valid from : 01.12.2008

## Application

The compensating cable KP 9 L 2 x 1,5 mm<sup>2</sup> is a PVC insulated cable which transmits the thermoelectric voltage of PtRh/Pt 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	RCB/SCB alloying, accuracy class 2 according DIN 43722 Positive conductor: Cu (copper) Negative conductor: CuNi (cupronickel)
Core insulation	PVC compound
Core identification	Positive conductor: red Negative conductor: white
Core layering	Cores twisted together
Outer sheath	PVC compound, colour: white

## Electrical properties

Limiting deviation class 2      ± 60 µV (± 5,0 °C) / measuring point temperature +1000 °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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