

0163051	<b>DATA SHEET</b>	
Valid from: 01.04.2019	<b>IEC compensating cable KP 9-022 L 2x0,22</b>	

## Application

The compensating cable KP 9-022 L 2 x 0,22 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	0.22 mm <sup>2</sup> (7 x 0.20 mm)	
Conductor material	RCB/SCB alloying, accuracy class 2 according IEC 60584	
	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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