



DATA SHEET

0153052

DIN compensating cable KP 5-022 L-CY 2x0,22valid from :
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Application

The compensating cable KP 5-022 L-CY 2 x 0,22 mm² is a PVC insulated cable which transmits the thermo-electric 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. The copper braiding screens the cable against electromagnetic interference.

Design

Conductor	0,22 mm ² (7 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
Inner sheath	PVC compound, colour: white
Screening	tinned copper braiding
Outer sheath	PVC compound, colour: white

Electrical properties

Limiting deviation class 2 $\pm 60 \mu\text{V}$ ($\pm 5,0 \text{ }^{\circ}\text{C}$) / measuring point temperature +1000 $^{\circ}\text{C}$

Mechanical and thermal properties

Temperature range	occasional flexing: -5 $^{\circ}\text{C}$ up to +70 $^{\circ}\text{C}$
Minimum bending radius	occasional flexing: 15 x cable diameter
Flammability	flame retardant in acc. to IEC 60332-1-2 resp. VDE 0482-332-1-2