

0151052	DATA SHEET	
Valid from: 03.01.2019	DIN extension cable KE 5-022 L-CY 2x0,22	

Application

The extension cable KE 5-022 L-CY 2 x 0,22 mm² is a PVC insulated cable which transmits the thermoelectric voltage of Fe/CuNi 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	LX alloying, accuracy class 2 according DIN 43722 Positive conductor: Fe (iron) Negative conductor: CuNi (cupronickel)
Core insulation	PVC compound
Core identification	Positive conductor: red Negative conductor: blue
Core layering	Cores twisted together
Inner sheath	PVC compound, colour: blue
Screening	tinned copper braiding
Outer sheath	PVC compound, colour: blue

Electrical properties

Limiting deviation class 2	±140 µV (±2.5 °C) / measuring point temperature +500 °C
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Mechanical and thermal properties

Temperature range	occasional flexing: -5 °C up to +70 °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

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