DATA SHEET

Valid from: 03.01.2019

DIN extension cable KE 15 L-SIL-S 2x1,5 round



Application

The extension cable KE 15 L-SIL-S 2 x 1,5 mm² is a silicone insulated cable which transmits the thermoelectric voltage of Fe/CuNi thermocouples. It is for flexible use and fixed installation in dry rooms with low mechanical load. They may only be installed outdoors with UV- and humidity protection and in observation of the max. permitted temperature range. The steel wire armouring serves as mechanical protection.

Design

Conductor 1.5 mm² (48 x 0.20 mm)

Conductor material LX alloying, accuracy class 2 according DIN 43722

Positive conductor: Fe (iron)

Negative conductor: CuNi (cupronickel)

Core insulation Silicone compound

Core identification Positive conductor: red

Negative conductor: blue

Core layering Cores twisted together

Outer sheath Silicone compound, colour: blue

Armouring Galvanized steel wire braiding with interweaved blue identification thread

Electrical properties

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

Mechanical and thermal properties

Temperature range occasional flexing: -25 °C up to +180 °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