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| 0154010 | DATA SHEET |  LAPP |
| Valid from: 01.04.2019 | DIN extension cable KXN 9 L 2x1,5 round | |

Application

The extension cable KXN 9 L 2 x 1,5 mm² is a PVC insulated cable which transmits the thermoelectric voltage of NiCr/Ni 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

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| Conductor | 1.5 mm ² (48 x 0.20 mm) | |
| Conductor material | KX alloying, accuracy class 2 according DIN 43722 | |
| | Positive conductor: | NiCr (nickelchrome) |
| | Negative conductor: | Ni (nickel) |
| Core insulation | PVC compound | |
| Core identification | Positive conductor: | red |
| | Negative conductor: | green |
| Core layering | Cores twisted together | |
| Outer sheath | PVC compound, colour: | green |

Electrical properties

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| Limiting deviation class 2 | ±100 µV (±2.5 °C) / measuring point temperature +900 °C |
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Mechanical and thermal properties

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| 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 | |

AbN
automation

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