

**INDUSTRIAL COMPONENT DATA**

# 0161017 KE12L Fe/CuNi JX 2X1,5 IEC oval LAPP KE12L Fe/CuNi JX 2X1,5 IEC oval

Brand: LAPP | Manufacturer Part Number: 0161017



|                 |                                 |
|-----------------|---------------------------------|
| Manufacturer    | LAPP                            |
| MPN / Reference | 0161017                         |
| Catalog number  | KE12L Fe/CuNi JX 2X1,5 IEC oval |
| Category        | Thermocouple cable              |
| Minimum order   | 100 m.                          |
| Document ID     | EO-5148983391                   |
| Generated       | 2026-08-06                      |

## Product Overview

KE12L Fe/CuNi JX 2X1,5 IEC oval  
Extension- and compensating cables, paired

**STRUCTURED PRODUCT DATA**

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification & Catalog Path

Catalog path      LAPP &gt; ÖLFLEX HEAT Temperature measurement cables

## Additional Product Information

Extension and compensating cables, single-paired version - suitable for use in temperature measurement and manufacturing process control

Available in many different designs

New: thermocouple cable type K

Norm references / Approvals

Space-saving and flexible

For more detailed information, see appendix T8 and data sheets

Application range

Allows temperature measurement even in places where non-contact temperature measurement is not possible or reasonable

The thermocouple is used to measure temperature as a part of monitoring the manufacturing process, thus the sheath material should be selected with reference to the maximum ambient temperature at its junction.

Conductor materials (alloys):

Fe/CuNi (LX, JX)

Conductor alloys are identical to thermocouple alloys

NiCr/Ni (K, KX, KCA)

K and KX version - conductor alloys are identical to thermocouple alloys

KCA version: compensating alloys (for KCA: Fe/CuNi), not identical to thermocouple alloys

PtRh/Pt (RCB, SCB)

Compensating alloys (for RCB, SCB: Cu/CuNi) are not identical to thermocouple alloys

Norm references / Approvals

Colour identity code DIN 43710 Negative conductor and outer sheath: Fe/CuNi: blue NiCr/Ni: green PtRh/Pt: white Positive conductor: always red IEC 60 584 Positive conductor and outer sheath: Fe/CuNi: black NiCr/Ni: green PtRh/Pt: orange Negative conductor: always white

Product Make-up

Design abbreviations:

PVC: Polyvinylchloride

SIL: Silicone rubber

GL: Glass fibre

FEP: Fluorinated ethylene propylene

EGL: E-Glass fibre

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## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send LAPP / 0161017 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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