

## Our core competencies

### Internationality

Proximity to the customer is a core element of our corporate policy. In addition to production facilities in Germany, Slovakia, Poland, Turkey, China and Mexico, LEONI offers a global distribution and engineering network that will expertly advise and support you the world over.

### Comprehensive product portfolio and long-standing know-how

Our standard cables that conform the European, US and Canadian standards are complemented by specific solutions that we develop in collaboration with our customers. Cables for cutting and clamping technology as well as crimp and pierce bonding constitute just a small sampling from our product range.

### Quality

LEONI manufacturing facilities have a worldwide ISO/TS 16949 and DIN EN ISO 14001 certification.

### Materials expertise

LEONI's product portfolio with its state-of-the-art production technology and innovative materials covers temperatures ranging from -190 °C to far above 300 °C. Under the LEOIMER® brand we develop and produce our own insulation materials that are specifically designed for our customers' requirements.

### Extract from our portfolio of materials

- PTFE extruded
- Thermoplastic fluoropolymer
- Thermoplast
- Thermoplastic elastomer
- Elastomer
- Special thermoplast
- Silicone

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**The Quality Connection**

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# Overview of application areas and cable solutions

## Building

LEONI has wired such buildings as the Petronas Towers, the tallest buildings of the Frankfurt skyline and the European Parliament. With our cable solutions we connect energy bus systems, power windows and door systems as well as the sensors for ambient assisted living:

- Flexible flat cables
- Multi-core harmonised cables
- LEONI EcoSense® halogen free cables
- LEONI exFC® extruded flat cables

## Lighting

LED systems for underground car parks, street lighting in many of Europe's major cities and artificial light in green houses; all objects are illuminated with cables made by LEONI.

Be it industrial applications or public buildings, we provide the wiring with the following products:

- Single- and multi-core cables
- Flat cables
- LEONI EcoSense® halogen free cables

## E-Mobility/Charging cables

Electric vehicles can be charged at either public charging stations or from domestic wall boxes. In addition to the internal wiring of the charging station, LEONI provides the matching cable for every charging mode (AC and/or DC) with country-specific approvals in straight or coiled form. The latest development is the illuminated charging cable, which, by alternately lighting up red/green, makes it possible to quickly see the charge status and simultaneously averts the danger of tripping.

Our electric charging solutions:

- LEONI EVC with VDE- and UL-approval
- Illuminated charging cable

## Earthing and short-circuiting

Two areas of application are pertinent for earthing ropes:

- Temporary earthing of equipment that is non-stationary.
- Earthing and short-circuiting insulated AC equipment, from transmission and supply networks of all nominal voltages.

This also includes rail networks.

LEONI earthing ropes are deployed above all for applications pursuant to IEC 61230 in the cross-section range from 16 to 150 mm<sup>2</sup>.

Our cable solutions:

- ESY
- ESTPR

## Electrical Appliances

LEONI offers a wide range of products for the internal wiring of household appliances and their power supply.

Our cable solutions for the international market:

- Single- and multi-core harmonised cables
- Single- and multi-core cables according UL/CSA
- LEONI EcoSense® halogen free cables

## LEONI EcoSense®

These cables are used in all manner of application areas, including installation in buildings where there is a high concentration of people and assets like office buildings, hospitals, department stores and airports.

LEONI offers halogen free, flame retardant and low-smoke cables to take account of environmental concerns as well as safety in the event of fire.

These single- and multi-core cables can be supplied both with or without approval (e.g. VDE, UL).



LEONI offers a comprehensive range of cables and conductors pursuant to:

- VDE, HAR
- UL
- CSA



You will find our innovative cable products and customised cable solutions in numerous applications:

- Building
- Lighting
- E-Mobility/Charging cables
- Earthing and short-circuiting
- Electrical Appliances

