

# LEONI Hivocar®

for green mobility

## High voltage automotive cables for the electric powertrain

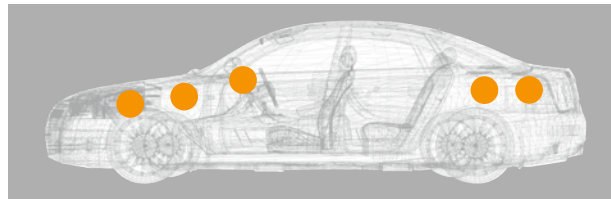
### Benefits/Properties

- specially selected materials for high voltage applications
- very good thermal properties up to a continuous operating temperature of 200 °C
- very good mechanical properties
- high flexibility
- wide product portfolio for all relevant temperature classes
- design with and without special EMV shielding
- copper or aluminium conductor
- voltage classes 600 V AC and 1000 V DC

### Applications

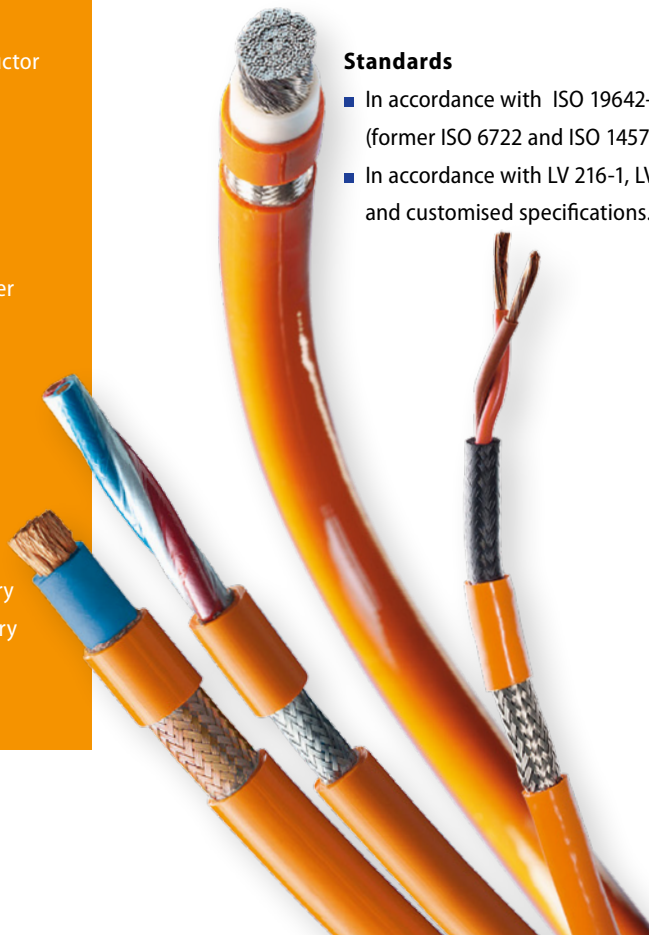
- HV battery connections
- connection between inverter and electric motor
- power supply for ancillary components, e. g. air conditioning compressors, electric heating
- internal wiring of HV components, e. g. battery
- charging cable for HV battery

Development expertise and many years of experience with high-voltage solutions define our Business Unit Automotive Special Cables as an ideal partner. With LEONI Hivocar cables, LEONI offers a product family for use in electric and hybrid vehicles.



### Standards

- In accordance with ISO 19642-5 and ISO 19642-9 (former ISO 6722 and ISO 14572)
- In accordance with LV 216-1, LV 216-2 and customised specifications.



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