

# 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
- wide product portfolio for all relevant temperature classes
- Design with and without special EMV shielding
- copper or aluminium conductor
- voltage classes 600V and 1000V

### 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 6722 and ISO 14572.
- In accordance with LV 216-1, LV 216-2 and customised specifications.



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