**ENGINE COMPARTMENT**

**SENSORS AND TRANSMITTERS**
- Thermocouple wires
- Thermocouple conductor N (Nickel / Nirostal)
- PTFE insulation
- Temperature resistant (up to 300°C)
- Lightweight
- Small dimensions

**TORQUE SENSORS**
- Overmoulded connectors

**STOP-AND-START SYSTEM**
- SMD interconnectors for reflow processes
- Sealed connectors with pressfit terminals and potting

**INJECTORS**
- Overmoulded coils

**ADDITIONAL HEATING IN DIESEL ENGINES**
- Overmoulded filters

**POWER INVERTERS**
- Oil and temperature resistant

**ELECTRICAL ENGINE CONTROL SYSTEM**
- Square our round pins

**ADDITIONAL HEATING IN DIESEL ENGINES**
- Overmoulded connectors

**INJECTORS**
- Overmoulded filters

**POWER INVERTERS**
- Custom designed sealed connectors and pinheaders (square or round pins)

**AUTOMATIC GEAR BOX**
- Board-to-board interconnection

**FOR ELECTRICAL CARS**
- Polyimide insulations (125°C)

**POWER INVERTERS**
- Round cables

**FOR ELECTRICAL CARS**
- Round cables
- High current density
- Sealed and compact

**HIGH TEMPERATURE FFC**
- High temperature FFC

**AUTOMATIC GEAR BOX**
- Extruded flat cables
- Oil and temperature resistant thermoplastic insulation (125°C)

**POWER INVERTERS**
- Overmoulded connectors
- Overmoulded terminals
- Semi-automatic and automatic insertion solutions for PCB assembly

**WIPER SYSTEMS**
- Overmoulded connectors
- Electrical conductivity and transport of fluids
- Watertight
- Pressure resistant
- Inserted terminals
- Adapted to every soldering or reflow processes
- Pressure terminals available
- Thick wall 0.8mm, 1.6mm and 2.0mm
- Small dimensions
- Lightweight
- PTFE insulation
- Thermocouple conductor N (Nisil / Nicrosil)

**SENSORS AND TRANSMITTERS**
- Inserted terminals
- Thermo-power inputs
- Overmoulded connectors
- Oil and temperature resistant
- Autoclave treatments

**WE ARE IN**
- Partner in India
- DHRUV AXON' - YOUR OFFSET

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**www.axon-cable.com**
AUTOMOTIVE INTERCONNECT

We are in the driver’s seat!

Connectivity, active safety, electro mobility, reduction of air pollution – these are some of the major trends in the automotive industry. Therefore more and more high tech electronic devices have to be connected inside our cars.

Reliability, weight and space saving, flexibility, temperature resistance, power transmission, EMI protection – these are some of the demanding requirements Axon’s Interconnect systems have to take into account.

We take up the challenge! From standard flexible flat cables to custom-designed complete mechatronic interconnect systems Axon’s Interconnect systems offers solutions to connect virtually every part of the vehicle.

Axon’s Interconnect systems are used in all vehicles worldwide. This includes our manufacturing sites in Europe, Asia and America. All sites involved in the manufacture of automotive products are ISO 9001 and TS16949 certified.

Discover our numerous product ranges suited to connecting all the different equipments of a vehicle! Our Interconnect systems are not only easy to connect, but also provide high performance, reliability, weight and space saving, flexibility, temperature resistance, power transmission and EMI protection.

Among our Interconnect systems, we offer:
- High quality flexible flat cables with 35 µm nickel alloy conductors
- High performance flat cables with large conductors (up to 19 mm)
- Flat cables with round pins and round conductors
- Flat cables with round pins and high flexlife
- Flat cables with small thickness (35 µm)
- Flat cables with high electrical resistance
- Flat cables with high electrical resistance and vibration

MULTIFUNCTION STEERING WHEEL

- Round flat cable Axostrip®
- Flat cable with round pins
- Round flat cable Axostrip® with PCB inside
- Round flat cable Axostrip® with integrated 100 ohms impedance shielding
- Round flat cable Axostrip® with high electrical resistance
- Round flat cable Axostrip® with high electrical resistance and vibration
- Round flat cable Axostrip® with flexible flat cable harnesses
- Round flat cable Axostrip® with shield termination
- Round flat cable Axostrip® with connecting terminals for shielding

STRENGTH SYSTEM

- Flat cables with round pins and high flexlife
- Flat cables with small thickness (35 µm)
- Flat cables with high electrical resistance
- Flat cables with high electrical resistance and vibration
- Flat cables with 0.5 or 0.3 mm pitch for high density connection
- Flat cables with 0.5 or 0.3 mm pitch for high density connection in a limited space
- Flat cables with 0.5 or 0.3 mm pitch for high density connection with PCB inside

Other Interconnect systems for different applications include:
- Mechatronic parts
- Functional connector
- 100 ohms impedance shielding
- PCB inside

- Easy to connect
- High performance
- Reliability
- Weight and space saving
- Flexibility
- Temperature resistance
- Power transmission
- EMI protection