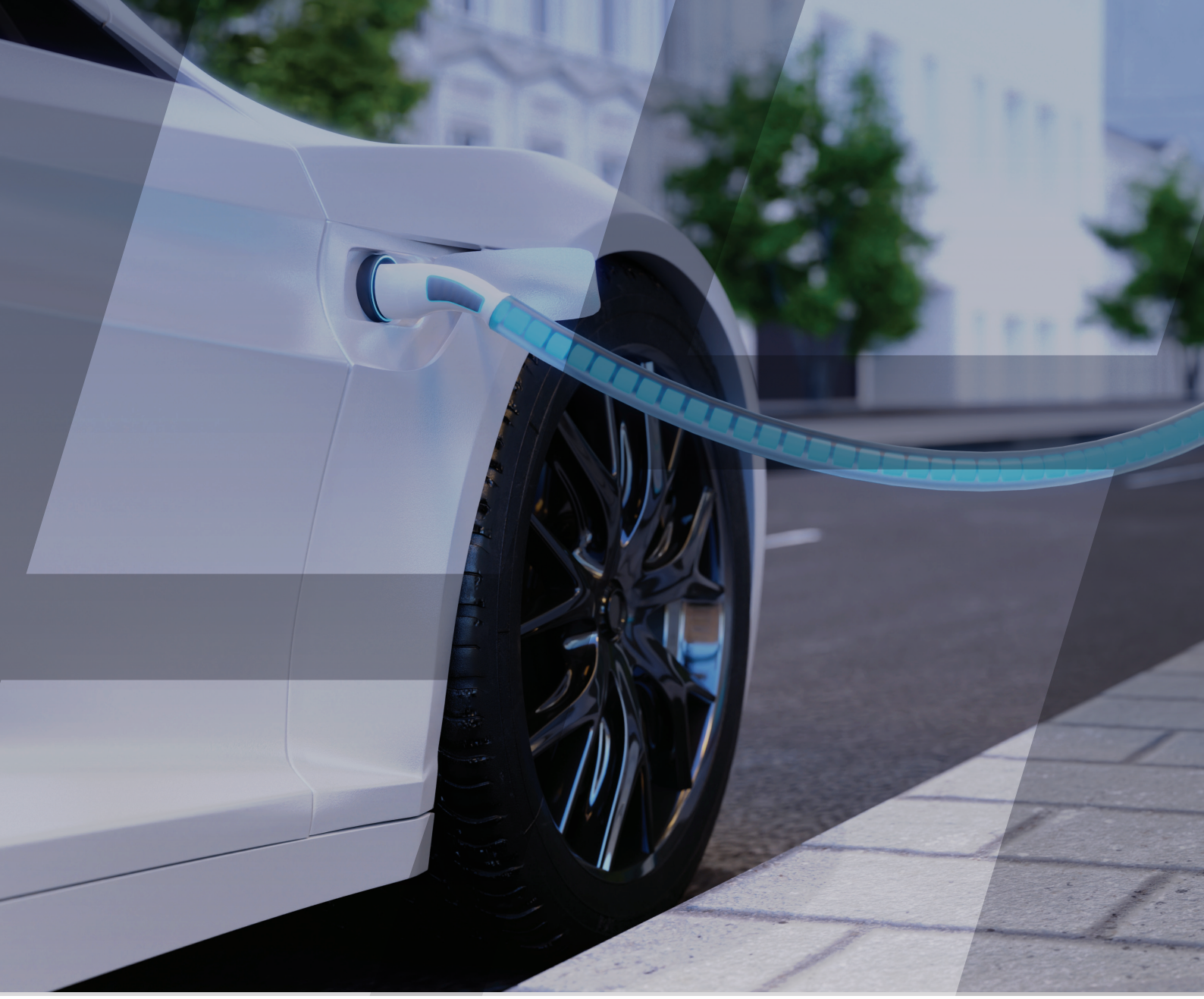


ELECTRIC & HYBRID VEHICLES

CUSTOM SWITCHING & SENSING SOLUTIONS

Engineered Smarter & More Efficient for the Long Haul

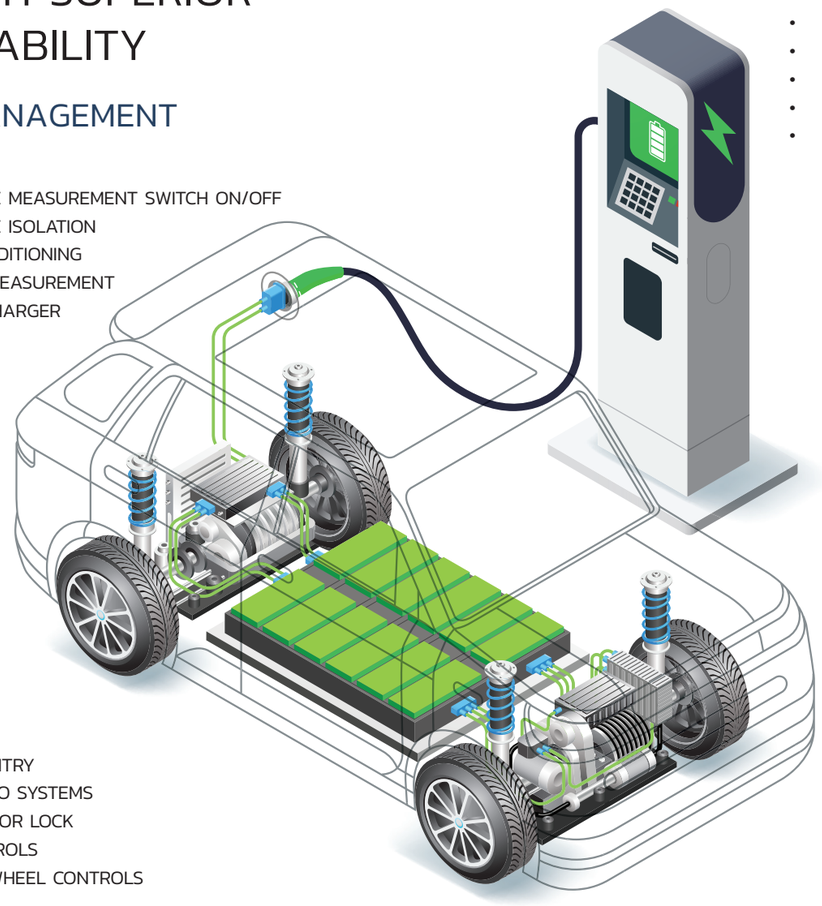
Standex DETECT Electronics

ELECTRIC & HYBRID VEHICLES

SWITCHING & SENSING SOLUTIONS WITH SUPERIOR FUNCTIONALITY, LONGEVITY AND RELIABILITY

BATTERY MANAGEMENT SYSTEMS

- HIGH VOLTAGE MEASUREMENT SWITCH ON/OFF
- HIGH VOLTAGE ISOLATION
- BATTERY CONDITIONING
- INSULATION MEASUREMENT
- ON-BOARD CHARGER



LEVEL SENSORS

- FUEL
- COOLANT
- POWER STEERING
- DIFF GEARBOX OIL
- WINDSHIELD WASHER FLUID
- BRAKE FLUID
- OIL LEVEL
- SINGLE/MULTI/CONTINUOUS

SAFETY SENSORS

- ANTI-THEFT ALARMS
- BRAKE PEDAL
- BATTERY CONTROL
- COLLISION
- CONVERTIBLE ROOF
- DOOR LATCH
- EMISSION DETECTION
- END POSITION CONTROL
- GAS CAP/DOOR LATCH
- HOOD LATCH
- IGNITION IMMOBILIZER
- MIRROR CONTROLS
- POWER WINDOWS
- SEAT BELT DETECTION
- TIRE PRESSURE MONITORING
- TRAILER HITCH/LIGHTS

POSITION SENSORS

- AIRBAG
- BATTERY IMPACT
- BRAKE SYSTEM
- CHARGE/FUEL PORT DOOR DETECTION
- COLLISION
- DOORS/HOOD/ROOF/WINDOWS
- CRUISE CONTROL
- CLIMATE CONTROLS
- LIGHTING- DASH/GLOVEBOX
- LIGHTING- DOORS/SUNVISOR
- IGNITION IMMOBILIZER
- MIRROR CONTROLS
- MUSIC/VIDEO SYSTEMS
- NAVIGATION SYSTEM
- SEAT BUCKLE/OCCUPANCY
- STEERING
- TIRE PRESSURE
- TRAILER HITCH/LIGHTS
- STEERING

CONVENIENCE SENSORS

- ANTENNAS
- CLIMATE CONTROLS
- CRUISE CONTROL
- DOOR SWITCH COURTESY LIGHT
- GLOBAL POSITIONING SYSTEM
- GLOVE COMPARTMENT ILLUMINATION
- INTERIOR/DASHBOARD LED LIGHTING
- KEYLESS ENTRY
- MUSIC/VIDEO SYSTEMS
- REMOTE DOOR LOCK
- SEAT CONTROLS
- STEERING WHEEL CONTROLS
- SUNROOF
- SUN VISOR CONTROLS

SPEED SENSORS

- VEHICLE SPEED
- ENGINE RPMS
- OVERSPEED CONDITIONS
- UNDERSPEED CONDITIONS
- CRANK/SHAFT/GEAR ROTATION
- WHEEL SPEED/DIRECTION
- TRANSMISSION SPEED/DIRECTION

IATF 16949 CERTIFIED · ISO 9001 CERTIFIED · ITAR · NIST · AS9100 CERTIFIED

KEY COMPONENTS

GEAR TOOTH SENSOR
Gear sensor coupled with parking sensor to detect unwanted wheel rolling and engagement of safety brake.

ANGLE POSITION SENSOR
Angle position sensor to detect rotation of linkages and brackets.

EV ISOLATION RELAYS
KT & MHV Series Reed relays measure high isolation EV Battery Management Systems.

GEAR TOOTH SENSOR
Gear tooth sensor for detecting the rotation and speed of shafts, gears, wheels, and engine RPMs.

REED/HALL SENSOR
MK04/MH04 proximity sensor detects if lids, compartments or doors are open. Draws no power in its normally open state (Reed).

REED PROXIMITY SENSOR
Reed proximity sensor can detect engagement of pedals, parking brake, or locking systems. Draws no power in its normally open state.

REED FLOAT SENSOR
Single point low fluid level sensor. Coupled with a grommet these sensors are easily pressfit installed into blow molded bottles.

SMD REED SENSOR
Reed switch and over molded reed switches available to operate on/off lights, compartment openings, and alarm systems.

A Standex **Electronics** Business

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