

# A global resource for your on-vehicle measurement needs

Engine management system

Cabin comfort

HVAC

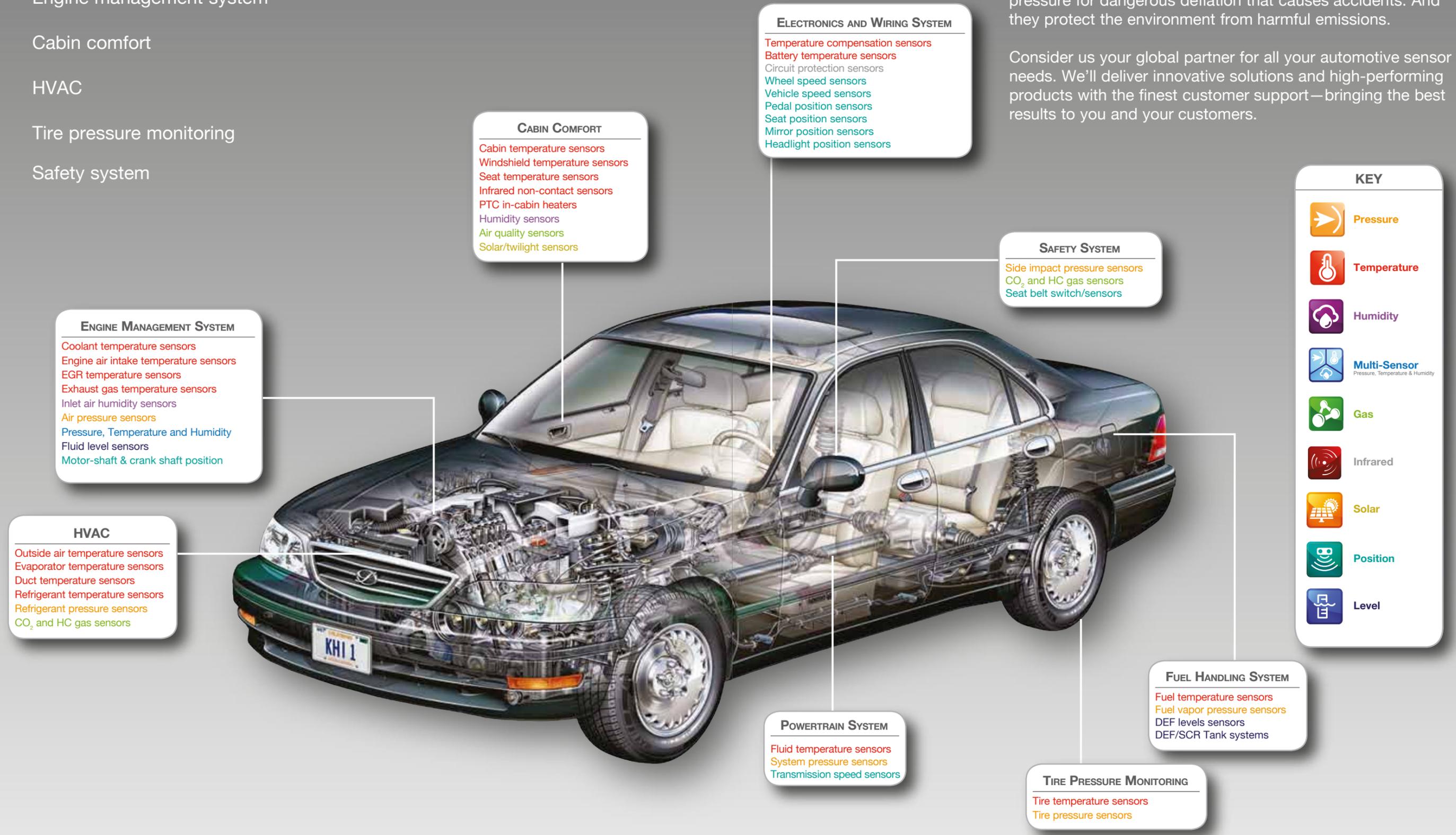
Tire pressure monitoring

Safety system

Amphenol is your best source for automotive sensors, offering the technology that brings your systems together—to protect the vehicle, its occupants and the environment.

Our sensors regulate the temperature and air quality of the cabin. They monitor engine temperature. They watch tire pressure for dangerous deflation that causes accidents. And they protect the environment from harmful emissions.

Consider us your global partner for all your automotive sensor needs. We'll deliver innovative solutions and high-performing products with the finest customer support—bringing the best results to you and your customers.



- ELECTRONICS AND WIRING SYSTEM**
- Temperature compensation sensors
  - Battery temperature sensors
  - Circuit protection sensors
  - Wheel speed sensors
  - Vehicle speed sensors
  - Pedal position sensors
  - Seat position sensors
  - Mirror position sensors
  - Headlight position sensors

- CABIN COMFORT**
- Cabin temperature sensors
  - Windshield temperature sensors
  - Seat temperature sensors
  - Infrared non-contact sensors
  - PTC in-cabin heaters
  - Humidity sensors
  - Air quality sensors
  - Solar/twilight sensors

- SAFETY SYSTEM**
- Side impact pressure sensors
  - CO<sub>2</sub> and HC gas sensors
  - Seat belt switch/sensors

- ENGINE MANAGEMENT SYSTEM**
- Coolant temperature sensors
  - Engine air intake temperature sensors
  - EGR temperature sensors
  - Exhaust gas temperature sensors
  - Inlet air humidity sensors
  - Air pressure sensors
  - Pressure, Temperature and Humidity
  - Fluid level sensors
  - Motor-shaft & crank shaft position

- HVAC**
- Outside air temperature sensors
  - Evaporator temperature sensors
  - Duct temperature sensors
  - Refrigerant temperature sensors
  - Refrigerant pressure sensors
  - CO<sub>2</sub> and HC gas sensors

- POWERTRAIN SYSTEM**
- Fluid temperature sensors
  - System pressure sensors
  - Transmission speed sensors

- FUEL HANDLING SYSTEM**
- Fuel temperature sensors
  - Fuel vapor pressure sensors
  - DEF levels sensors
  - DEF/SCR Tank systems

- TIRE PRESSURE MONITORING**
- Tire temperature sensors
  - Tire pressure sensors

**KEY**

- Pressure
- Temperature
- Humidity
- Multi-Sensor  
Pressure, Temperature & Humidity
- Gas
- Infrared
- Solar
- Position
- Level

# Amphenol Sensor Solutions

