

MTE-THOMSON SENSORS

With over 65 years of tradition, **MTE-THOMSON** is a trusted name in the manufacturing of sensors for cooling systems, electronic fuel injection, and emission control.

Our products offer broad compatibility with various makes and models, ensuring seamless integration into vehicle systems.

Renowned for quality that only decades of expertise can deliver, **MTE-THOMSON** prioritizes sustainability, actively contributing to a cleaner future through proven reductions in environmental impact from emissions.

Choose reliability, comfort, and safety to enhance your vehicle's performance.



www.mte-thomson.com



COOLING AND ENGINE MANAGEMENT COMPETENCE



OXYGEN SENSOR

MTE-THOMSON oxygen sensors are 100% made in Brazil and available in heated, planar and wideband technologies. Using advanced zirconia elements, they provide fast, accurate feedback for optimal combustion control and emissions reduction.

MAP SENSOR

Our MAP sensors deliver accurate manifold pressure readings using MEMS technology, allowing precise engine load detection. This ensures reliable fuel delivery, improved drivability, and optimized performance.



COOLANT TEMPERATURE SENSOR

All MTE-THOMSON temperature sensors feature NTC thermistors developed and manufactured in-house, ensuring consistent quality and performance. They deliver fast and precise temperature readings to protect and optimize engine systems.

CAM/CRANK SENSOR

Built with magnetic and Hall-effect technologies, these sensors deliver real-time position and speed data for camshafts and crankshafts. Essential for precise ignition timing and efficient engine synchronization.



EGTS SENSOR

MTE-THOMSON EGT sensors are built to withstand extreme exhaust temperatures, using both NTC and PT200 sensing technologies. They offer quick, reliable readings for efficient turbocharger protection and emissions system control.

NO_x SENSOR

MTE-THOMSON NO_x sensors detect nitrogen oxide levels with high precision using advanced electrochemical cells. Vital for SCR system efficiency and compliance with modern emission standards.



DPF SENSOR

Designed to monitor differential pressure across the diesel particulate filter, this sensor ensures timely regeneration and filter efficiency. Built to resist soot and high temperatures for long-lasting performance.

KNOCK SENSOR

Our knock sensors use piezoelectric elements to detect engine knock with high sensitivity. This allows for real-time ignition timing adjustments, improving performance and protecting against engine damage.



ABS SENSOR

Our ABS sensors use inductive or Hall-effect technologies to deliver accurate wheel speed data to the ECU. As a critical component of vehicle safety systems, they ensure effective ABS and traction control performance under all driving conditions.

TPS SENSOR

Throttle Position Sensors from MTE-THOMSON provide precise throttle angle data to the ECU. This ensures responsive acceleration and optimal air-fuel mixture control under all driving conditions.

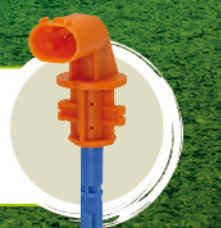


A/C PRESSURE SENSOR

This sensor monitors refrigerant pressure to optimize A/C compressor function and system protection. Accurate pressure data ensures efficient cooling and prevents component failure.

COOLANT LEVEL SENSOR

Our coolant level sensors detect fluid loss using reliable float or capacitive technology. They help prevent engine overheating by ensuring continuous cooling system monitoring.



**FULL RANGE PREMIUM QUALITY 1 YEAR WARRANTY 100% TESTED AND APPROVED
TECHNICAL SUPPORT PREMIER DATA SUPPLIER**

