



NOx sensors are devices that measure harmful nitrogen oxide (NOx) levels in exhaust gases and provide critical data to vehicle emission control systems.

They detect NO and NO₂ components in the exhaust gas and transmit data to the engine control unit, ensuring emission control.



NOx sensors play a critical role in reducing carbon emissions and environmental pollution. By measuring harmful emissions in exhaust gases, they minimize the impact of vehicles on the environment.

Our sensors not only improve vehicle performance but also contribute significantly to a cleaner and more livable environment.

- OEM-Grade NOx Sensors
 - Competiable with All Commercial/Passanger Vehicle Brands in the market for emission control systems
 - 285 different references and growing
- 12 months warranty
- Certified Production:
 - ISO 9001 : Quality Management
 - ISO 14001 : Environmental Management
 - ISO 45001 : Occupation Health and Safety
 - ISO 10002 : Customer satisfaction (effective complaints handling)
- The recommended installation angle of the nitrogen-oxygen sensor probe is $90^{\circ} \pm 10^{\circ}$. During the cold start stage, liquid accumulation in the sensor probe should be avoided as it may cause damage to the sensor.
- Installation torque: 50 ± 10 Nm.
- Power supply voltage: 12V DC.
- Operating environment temperature: -40°C to 125°C . The maximum exhaust gas temperature the probe can withstand is 800°C .
- During operation, the average power consumption is 10W, with a maximum peak power of 15.5W.
- IP Rating: IP6K4K.
- Conducted Tests
 - Sealing Test
 - Salt Spray Test
 - Voltage Coverage and Sensitivity Test
 - Thermal Shock Test
 - Aging Test

