

## ■ Sensor Systems

# NO<sub>x</sub> Sensor

The NO<sub>x</sub> sensor is a stand-alone multifunction sensor, which can be operated with the ALL-IN-ONE.GAS engine control unit or the new MOTORTECH NO<sub>x</sub> Monitoring EasyNO<sub>x</sub>. The sensor can be used to control various types of exhaust gas after-treatment and thus helps to comply with current and future emission regulations.

### Features

- Supports compliance with applicable emission regulations
- Output signal: NO<sub>x</sub> or O<sub>2</sub> concentration
- Digital data transmission via CAN bus (SAE J1939)
- Integrated control electronics
- Independent of catalyst and ECU manufacturer and engine management system
- Self-diagnostics



### Technical Data

- Multi-layer sensor based on ZrO<sub>2</sub> with integrated heating
- Output signal: NO<sub>x</sub> or O<sub>2</sub> concentration
- Power supply 24 V
- Data connection CAN Bus (SAE J1939)
- Self-diagnostics for wire break and short circuit in the connection sensor/electronics
- Maximum ambient temperature electronics -40 °C to 115 °C (-40 °F to 239 °F)
- Exhaust gas temperature -40 °C to 800 °C (-40 °F to 1472 °F)
- Measuring ranges NO<sub>x</sub>: 0 to 1500 ppm
- CE certificate

### Ordering Information

P/N	Description	Equivalent to
56.03.002	NO <sub>x</sub> Sensor (24 V)	60202039, SNS0156B
07.81.070	Welding boss	
06.30.172-15	Cable harness for NO <sub>x</sub> sensor with 120 Ω resistance, length 15 m	

