UniNOx Sensors

The New Efficiency

A milestone in the measurement of nitrogen oxides in gasoline and diesel engines, the Continental UniNOx sensor was the world's first mass-produced exhaust sensor and is impressive proof of our automotive credentials.

It measures NOx in concentrations of parts per million, allowing it to assume an important role in the engine system. With its high measurement accuracy, this extremely sensitive sensor from Continental provides manufacturers of special vehicles and machines with the ideal tool for meeting ever-stricter emissions standards around the globe, while at the same time optimizing fuel efficiency.

Benefits and Features

- Modular, stand-alone NOx sensor.
- Standardized electronics interface via CAN bus.
- Compatible with catalytic converters, ECUs, and engine management systems from all manufacturers.
- All electronic components integrated into the sensor.
- Rapid self-diagnostics.
- Combines the ceramics expertise of NGK insulators with the electronics know-how of Continental.

Technical Specifications

Measuring Principle	ZrO_2-based multilayer sensor with integrated heater
Output Signals	NOx, bin, lin or O_2-conc.
Supply Voltage	12V or 24V
Data Link	CAN 2.0 or SAE-J-1939
Operating Gas Temp.	100°C up to 800°C
NOx-accuracy	10 ppm for NO < 100 ppm ($_2$ 10% above 100 ppm)

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