

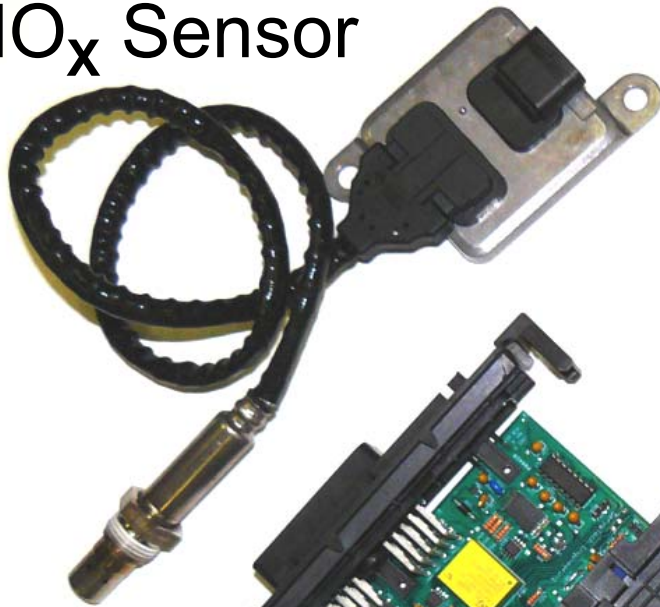
Poster P-14 :

A Low-Cost Continuous Emissions Monitoring System for Mobile and Stationary Engine SCR/DPF Applications

Poster P-15 :

Data-Logger For Vehicle Data Acquisition

NO_x Sensor



RTD
Sensors



Urea Level
Sensor



SEGM-2
Module



Backpressure
Sensor





Technical Features

- Electronic control with real-time data logger
- Includes RTD temperature sensors
- Includes custom wiring harness
- Includes NO_x and exhaust backpressure sensors
- Log and download engine operating parameters
- System weight < 1.5 kg

Analog Channels (6)

Such as:

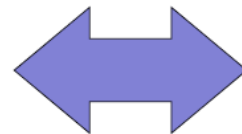
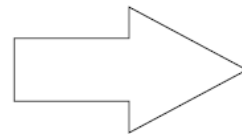
- Temperature Sensors
- Back Pressure Sensors
- O₂ Sensors

Digital I/O Channels

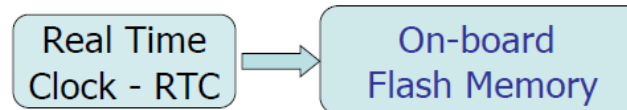
SAE J1939 Compatible

CAN-enabled Sensors such as:

- NO_x Sensors.
- O₂ Sensors.



Real time Data Logging



Technical Features

- Up to 6 analog channels
- 2 Additional I/O channels
- PC Communication
- Data logged in real time
- Accepts RTD, NO_x, and BP sensors
- LCD with Windows GUI
- 8MB On-board memory
- No start-up delay
- **SAE J1939 enabled**
- Real-time clock (RTC)