Cylinder Pressure Sensors

Sensor-Technik Wiedemann:

- 15 years of experience in the measurement of cylinder pressure
- Direct availability to OEMS of large engines
- 30,000 cylinder pressure sensors already delivered
- High vertical integration of development and manufacturing

www.sensor-technik.de
For operation in diesel, gas and dual-fuel engines

Sensor-Technik Wiedemann GmbH is a leading supplier of high quality sensors for pressure and temperature measurement. Our advanced thin film technology enables continuous measurement at high temperatures in the combustion chamber.

In addition to standard sensors, we develop and produce customized sensors and act as a technology partner for OEMs.

**Value proposition:**
- Combustion, knock and misfire detection
- Cylinder output balancing
- NOx formation calculation
- Optimization of power and emissions

**Technical Data:**
- 200 and 400 bar measurement cells
- M14 and M10 pressure connections
- $5 \times 10^8$ cycles
- 10 kHz signal rate
- Temperatures up to 250° C

*Example: cylinder output balancing*