Fast Facts

Differential Pressure Sensor

KYOCERA AVX Dresden´s differential pressure sensor was developed to detect pressure differences in gaseous media (such as diesel exhaust) and back pressure. It has advanced long-term stability and is low influenced by its environment / atmosphere.
The sensor is particularly useful for commercial vehicles and off-road applications due to its robustness. Using two ceramic pressure cells there is no need to extra protection against exhaust gas (no gel needed).
Thanks to very high sophisticated internal electronics that differential pressure sensor is extraordinarily exact.
Mechanic and electric interface can be designed according to customer needs. That sensor can provide in parallel the system pressure up stream or down stream.

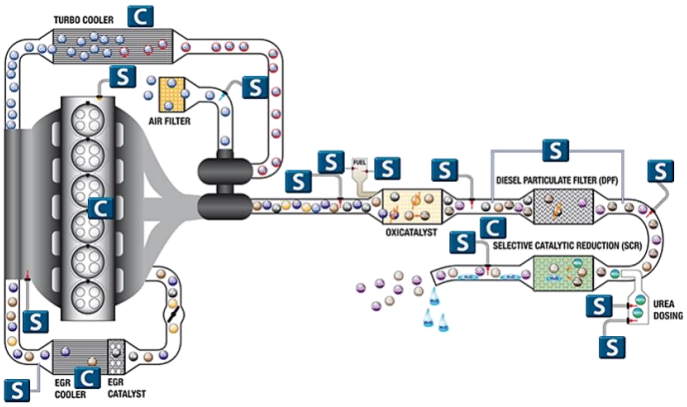
Special Features

- Two single pressure cells
- Al2O3 ceramic
- Long term stabile
- Low tolerance values
- parallel release of back pressure possible

Typical applications

- It can be used at Diesel particulate filter as well as in Exhaust Gas Recirculation systems

Emission exhaust-gas-technology is one of our core competence and we have several years of experience in mass production for EURO4 and EURO5 as well as Tier4i and f engines. Today we are contributing this experience to the EURO6 projects and together with our customers, designing reliable, sturdy Solutions for the next generation of environmentally friendly exhaust systems.
Products like high-temperature sensors with integrated electronic, freeze protected pressure sensors and AdBlue Quality sensors are invariably powerful and provide excellent cost-benefit ratios, which are dedicated to the applications of leading OEM´s in transportation segment.



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