Introduction

Measure pressure to check the positive crankcase ventilation system for leaks and or disconnects.

Features

- Flexible system materials selection to cope with variety of requirements, e.g., noble metallization die and package options
- Wide range of pressure range, e.g., -40kPa / +25kPa
- Analog or SENT

Benefits

- ODB requirement for leak and disconnect detection of the fuel vapor hoses. No uncontrolled venting of crankcase gasses
- Pressure sensing is the only option to meet small leak detection as demanded by future US OBD
- Flexible calibration possibilities to meet specific customer control strategies

HOW IT WORKS

1. Media Pressure Input
2. Mechanical Deflection of Silicon Element
3. Silicon Piezo Resistive Effect MEMS DIE
4. ASIC Signal Conditioning
5. Ratiometric Output
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