

MEASUREMENT & ANALYTICS

Cylmate®

Combustion Pressure Transducer PFPL203



Pressure under control with 5 year warranty.

Measurement made easy

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Cylmate® Combustion
Pressure Transducer
PFPL203

Recognized, verified and proven

Combustion pressure measurement is very challenging in the aggressive application of 2 stroke engines. The unique and reliable Cylmate pressure transducer has proven its maintenance- and calibration-free performance during years of continuous operation.

Over 500,000,000 strokes

Transducers installed for over a decade, and still in operation. User experience from several thousands of installed pressure transducers.

Accuracy over time

The measuring accuracy is not influenced by any clogging or heat flash from the combustion gases, which potentially could be a problem with other pressure transducers.

Cylmate pressure transducers does not have any aging phenomena and is not affected by pressure cycling, temperature cycling, combustion gases or combustion residues. Therefore the Cylmate pressure transducers do not need any recalibration.

The transducer critical parts are made of Inconel.

Save money by tuning and controlling the combustion pressure stroke-by-stroke

Cylmate pressure transducers used on electronically controlled diesel engines enabling improved energy efficiency and lower the risk for off-hire costs.

Our customers are within

- Engine builders
- · Engine designers
- Shipping companies
- · Power plants

Cylmate



Installation requirement

The installation requirements for the pressure transducer can be summarized with:

- As good heat transfer as possible from the transducer to the cylinder cover
- · As good metallic contact as possible
- As short engine adapter as possible
- The pressure transducers shall not be covered in order to get as much cooling as possible from the air around the transducers.

Calibrated measuring range	0-250 bar
Combined errors	
(Sensitivity drift, linearity deviation and hysteresis)	<±0,5 %
Max. overload	600 bar
Max. ambient temperature at transducer	260 °C
Max. ambient temperature at electronic unit	70 °C
Cable length	4 m
Degree of protection	IP65
Warranty	5 years
Life time	>10 years

