Pressure under control 
with 5 years warranty

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 does 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
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 transducer shall not be covered in order to get as much cooling as possible from the air around the transducers.

Technical data

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calibrated measuring range</td>
<td>0–250 bar</td>
</tr>
<tr>
<td>Combined errors</td>
<td>≤±0,5%</td>
</tr>
<tr>
<td>Max. overload</td>
<td>600 bar</td>
</tr>
<tr>
<td>Max. ambient temperature at transducer</td>
<td>260°C</td>
</tr>
<tr>
<td>Max. ambient temperature at electronic unit</td>
<td>70°C</td>
</tr>
<tr>
<td>Cable length</td>
<td>4 m</td>
</tr>
<tr>
<td>Degree of protection</td>
<td>IP65</td>
</tr>
<tr>
<td>Warranty</td>
<td>5 years</td>
</tr>
<tr>
<td>Life time</td>
<td>&gt;10 years</td>
</tr>
</tbody>
</table>

For more information please contact:

ABB AB
Measurement & Analytics
Force Measurement
S-721 59 Västerås, Sweden
Phone: +46 21 32 50 00
www.abb.com/cylmate