PPS62 Pressure & External RTD Gauge

The PPS62 Pressure & External RTD Gauge combines a piezo sensor with a highly accurate resistance temperature detector (RTD) probe to allow users to obtain fast pressure and temperature responses. This product is primarily designed for detecting tubing and casing leakage problems. CCL can be added to the gauge for immediate measurement of temperature and pressure while locating casing collars. The gauge can be run in tandem with a depth measurement system, such as the PPS36 DepthWatcher which will enable the user to record line tension, speed and depth in conjunction with downhole data from the gauge.

Sensor Type
Peizo/RTD

Pressure

<table>
<thead>
<tr>
<th>Range–psi</th>
<th>10K</th>
<th>15K</th>
<th>20K</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accuracy–psi</td>
<td>± 0.03% FS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Resolution–psi</td>
<td>0.0003% FS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Drift–psi/year</td>
<td>&lt;3</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Temperature

<table>
<thead>
<tr>
<th>Rating–°C</th>
<th>150 (302°F)</th>
<th>177 (350°F)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accuracy–°C</td>
<td>± 0.2</td>
<td></td>
</tr>
<tr>
<td>Resolution–°C</td>
<td>0.01</td>
<td></td>
</tr>
</tbody>
</table>

Characteristics

Service: Sour Services
Power Source: Lithium Battery Pack
Communication: USB / RS232
Data Set: Time / Pressure / Temperature
Max OD–inches: 1.27 (32 mm)
Overall Length–inches: 22.3 (566 mm)
Housing Material: Inconel 718
Sampling Rate: 1s – 18 hrs/per sample (0.1s – 1.8 hrs/per sample optional)
Memory Capacity: 2,000,000 data sets

Applications:

• Stimulation Monitoring
• Pressure Build-up Tests & Gradients
• Production Tests
• Tubing and Casing Leakage Checking
• Interference Tests
• Injection Pressure Monitoring
• Coil Tubing Operation
• Monitor Artificial Lift Valve Efficiency

PPS62 Specifications (Rev. 02, 2015-02-27)