ELECTRONIC PRESSURE SWITCH EPN-S

- Rugged design for harsh environments
- Wide temperature range
- Excellent long-term stability
- Very compact design
- Switchpoint factory set or programmable on site with Trafag’s Sensor Communicator SC

Sensor Communicator SC
www.trafag.com/H73699
Electronic Pressure Switch EPN-S 8320

Swiss based Trafag is a leading international supplier of high quality sensors and monitoring instruments for measurement of pressure and temperature. The Electronic Pressure Switch EPN-S is based on the well-proven EPN transmitter family. It stands for reliable accuracy over a wide temperature range and excellent long-term stability even in harshest environments in the shipbuilding and railway industry. The switchpoint is factory set or can be programmed on site using Trafag’s Sensor Communicator SC.

Applications
- Shipbuilding
- Engine manufacturing
- Railways
- Machine tools
- Hydraulics
- HVAC

Features
- Rugged design for harsh environments
- Wide temperature range
- Excellent long-term stability
- Very compact design
- Switchpoint factory set or programmable on site with Trafag’s Sensor Communicator SC

Technical Data

<table>
<thead>
<tr>
<th>Measuring principle</th>
<th>Thin-film-on-steel</th>
<th>Media temperature</th>
<th>-40°C ... +125°C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Measuring range</td>
<td>0 ... 2.5 to 0 ... 600 bar</td>
<td>Ambient temperature</td>
<td>Standard: -25°C ... +85°C</td>
</tr>
<tr>
<td></td>
<td>0 ... 30 to 0 ... 7500 psi</td>
<td>Option accessory 67: -40°C ... +125°C</td>
<td></td>
</tr>
<tr>
<td>Output signal</td>
<td>Transistor (open source)</td>
<td>Approval / conformity</td>
<td>DNV-GL, RMRS</td>
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<td></td>
<td></td>
<td></td>
<td>EN 50155 (Railways)</td>
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<td>EN 45545-2 (Fire protection, railways)</td>
</tr>
<tr>
<td>Accuracy @ 25°C typ.</td>
<td>± 0.5 % FS typ. (Switchpoint)</td>
<td></td>
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</tbody>
</table>