The PL3700-Vapour is designed for Vapour pressure measurement in the manifold areas during cargo operations. The pressure transducer is sealed inside a stainless steel 316L housing which ensures an IP68 rating for a deck installation. It also includes the amplifier with zero and span adjustment. Flexible conduits are supplied in standard for watertight connections on deck.
PL3700-Vapour - Technical Specifications

### Technical Data

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ranges</td>
<td>0.8 to 2 bar</td>
</tr>
<tr>
<td>Overpressure</td>
<td>18 bar</td>
</tr>
<tr>
<td>Accuracy</td>
<td>±0.3% FS at 20°C</td>
</tr>
<tr>
<td>Protection class</td>
<td>- Transducer: IP68&lt;br&gt;- Remote electronic box: IP66/67</td>
</tr>
<tr>
<td>Intrinsic safety</td>
<td>IECEx, ATEX. II 1 G D&lt;br&gt;Ex ia IIC T6 Ga or Ex ia IIIB T6 Ga&lt;br&gt;Ex ia IIIC T80°C Da IP66/67</td>
</tr>
<tr>
<td>Power supply</td>
<td>12-28 Vdc</td>
</tr>
<tr>
<td>Output signal</td>
<td>4-20 mA, 2-wires</td>
</tr>
<tr>
<td>Operating temperature ranges:</td>
<td>- Transducer: -40° to +125°C&lt;br&gt;- Remote electronic box: -25° to +70°C</td>
</tr>
<tr>
<td>Weight</td>
<td>6Kg</td>
</tr>
</tbody>
</table>

### Special Features

- Remote box: Stainless steel 316L.
- Sensor housing: Stainless steel 316L.
- Diaphragm: Ceramic.
- 2 flexibles conduits in standard.
- Corrosion resistant
- High overload limit
- No hysteresis
- High temperature stability
- Approved by major classification societies
- Recommended zener barrier for installation in hazardous area: MTL7787+.

For safe area installation, the transmitter can be installed without zener barrier.

### Technical Documentation

- Installation manual: MI5090
- Technical manual: NT5090
- Maintenance manual: MM5090

### Dimensions & Fixation

<table>
<thead>
<tr>
<th>A (ø)</th>
<th>B (ø)</th>
<th>C (ø)</th>
<th>D</th>
</tr>
</thead>
<tbody>
<tr>
<td>115</td>
<td>85</td>
<td>150</td>
<td>110</td>
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<tr>
<td>4x14</td>
<td>4x18</td>
<td>18</td>
<td></td>
</tr>
</tbody>
</table>

### Mechanical Connection

- ISO PN40 DN25
- ISO PN16 DN40

### Electrical Connection

- POWER SUPPLY 12-28 VDC

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