Polski Rejestr Statków

TYPE APPROVAL CERTIFICATE

This is to certify that the undernoted product type

PRESSURE SWITCHES

SERIES 18D

Pneumatic pressure switches models
0880241, 0880341, 0880441, 0880641
Hydraulic pressure switches models
0882141, 0882241, 0882341

issued to

IMI International s.r.o.
Central Trade Part D1 1573
39601 Humpolec
Czech Republic

is approved as complying with the requirements of the

PRS Rules for Classification and Construction of Sea-going Ships.

Certificate No. TE/2162/883405/17

Expiry date 2022-11-08

Issued at

Gdańsk, 2017-11-09

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Continued overleaf
Product description / purpose:
Pneumatic and hydraulic pressure switches for usage in compressed air or fluid systems.

Product information and general technical data:

<table>
<thead>
<tr>
<th>Type</th>
<th>Model</th>
<th>Pressure range</th>
<th>Max. pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pneumatic</td>
<td>0880241</td>
<td>from 0.2 to 2 bar</td>
<td>50 bar</td>
</tr>
<tr>
<td></td>
<td>0880341</td>
<td>from 0.5 to 8 bar</td>
<td>80 bar</td>
</tr>
<tr>
<td></td>
<td>0880441</td>
<td>from 1 to 16 bar</td>
<td>80 bar</td>
</tr>
<tr>
<td></td>
<td>0880641</td>
<td>from 1 to 30 bar</td>
<td>80 bar</td>
</tr>
<tr>
<td>Hydraulic</td>
<td>0882141</td>
<td>from 5 to 70 bar</td>
<td>600 bar</td>
</tr>
<tr>
<td></td>
<td>0882241</td>
<td>from 10 to 160 bar</td>
<td>600 bar</td>
</tr>
<tr>
<td></td>
<td>0882341</td>
<td>from 25 to 260 bar</td>
<td>600 bar</td>
</tr>
</tbody>
</table>

Output: 1 x c/o contact (microswitch).
Contact rating: 250V AC / 0.1A, 30V DC / 0.1A.
Mechanical connection: female thread G 1/4”.
Enclosure protection degree: IP65.
Max. permissible ambient temperature: +70 °C.

Basis of approval

1. The technical documentation approved by PRS on 2017-10-23.
2. The inspection of the production process and quality control system carried out by PRS on 2017-10-11.
3. Tests carried out in presence of PRS on 2017-10-11.
4. Reports from environmental tests carried out acc. to PRS Publication 11/P - „Environmental tests on marine equipment” (Edition January 2016).
7. The previous PRS Type Approval Certificate No. TE/1940/883405/12.

Additional conditions and remarks:

1. Place of manufacture: IMI Precision Engineering CZ, Central Trade Park, Evropska 852, 66442 Modrice, Czech Republic.
2. Each product is to be marked with: manufacturer name, model name, serial number, power supply rating.
3. The condition for maintain validity of this Certificate is to maintain validity of a.m. ISO9001 Certificate.

Notes

1. The approval is valid only when the product is used in accordance with the manufacturer’s conditions.
2. Changes of product design and materials which influence product quality are to be agreed with PRS.
3. Type Approval Certificate will be cancelled in the case of dissatisfactory service results, modifications made in the product structure or materials without PRS’ consent, not advising PRS of the manufacturer’s name change.

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