



Polski Rejestr Statków

TYPE APPROVAL CERTIFICATE

This is to certify that the undemoted 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




 Signature

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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:

Type	Model	Pressure range	Max. pressure
Pneumatic	0880241	from 0.2 to 2 bar	50 bar
	0880341	from 0.5 to 8 bar	80 bar
	0880441	from 1 to 16 bar	80 bar
	0880641	from 1 to 30 bar	80 bar
Hydraulic	0882141	from 5 to 70 bar	600 bar
	0882241	from 10 to 160 bar	600 bar
	0882341	from 25 to 260 bar	600 bar

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).
5. The Quality Management System Certificate No. 12 100 46810 TMS issued by TUV SUD valid until 2018-09-14.
6. PRS Survey Report No. GDA/JaS/92/17 issued on 2017-10-12.
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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