

TYPE APPROVAL CERTIFICATE

This is to certify:**That the Pressure Switch**with type designation(s)
18D

Issued to

IMI International s.r.o.
Humpolec, Czech Republic

is found to comply with

DNV GL rules for classification – Ships, offshore units, and high speed and light craft**Application :****Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV GL.**

Temperature	B
Humidity	B
Vibration	B
EMC	B
Enclosure	B

Issued at **Hamburg** on **2017-10-02**for **DNV GL**This Certificate is valid until **2022-10-01**.DNV GL local station: **Czechia**Approval Engineer: **Dariusz Lesniewski**

Joannis Papanuskas
Head of Section

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid. The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed.



Product description

Model variants:

Type	Model	Pressure range
Pneumatic	0880241	0,2 ... 2 bar
	0880341	0,5 ... 8 bar
	0880441	1 ... 16 bar
	0880641	1 ... 30 bar
Hydraulic	0882141	5 ... 70 bar
	0882241	10 ... 160 bar
	0882341	25 ... 260 bar

Output: 1 x c/o contact (microswitch)
Contact Rating: 250V AC / 0.1A, 24V DC / 0.1A
Electrical Connection: acc. to DIN EN 175301-803 A (GDM 3014J)
Mechanical Connection: female thread G 1/4"
Degree of protection: IP 65

Place of production

IMI International s.r.o.
Evropská 852
664 42 Modřice, Czech Republic

Type Approval documentation

Test report BV/DNV/GL/LR 2000-01 of IMI Norgren-Herion Fluidtronic, 28.03.2000
Technical Data Sheets: en 5.11.008.01/02/03 6/15, en 5.11.108.01/02/03 6/15
Drawings no.: 0523229, 0522044, 0522151, 0522152, 0680643, 0570110, 0523863
Type approval renewal assessment report issued at Czechia aon 2017-08-24

Tests carried out

Applicable tests according to class guideline DNVGL-CG-0339, November 2016.
Cold Test at -10°C (not for 0880241).

Marking of product

The products to be marked with:

- manufacturer name
- model name
- serial number
- power supply ratings

Periodical assessment

The scope of the periodical assessment is to verify that the conditions stipulated for the type are complied with, and that no alterations are made to the product design or choice of systems, software versions, components and/or materials.

The main elements of the assessment are:

- Ensure that type approved documentation is available
- Inspection of factory samples, selected at random from the production line (where practicable)
- Review of production and inspection routines, including test records from product sample tests and control routines
- Ensuring that systems, software versions, components and/or materials used comply with type approved documents and/or referenced system, software, component and material specifications
- Review of possible changes in design of systems, software versions, components, materials and/or performance, and make sure that such changes do not affect the type approval given
- Ensuring traceability between manufacturer's product type marking and the type approval certificate



Job Id: **262.1-027021-1**
Certificate No: **TAA00001E7**

Periodical assessment is to be performed at least every second year and at renewal of this certificate.

END OF CERTIFICATE