



**TYPE APPROVAL CERTIFICATE**

No.  
**ELE319924XG**

**This is to certify** that the product below is found to be in compliance with the applicable requirement of the RINA type approval system.

<i>Description</i>	<b>Pressure switches</b>
<i>Type</i>	<b>Series 18D</b>
<i>Applicant</i>	<b>IMI INTERNATIONAL S.R.O. - Central Trade Park Evropska 852 664 42 Modrice CZECH REPUBLIC</b>
<i>Manufacturer</i>	<b>IMI INTERNATIONAL S.R.O. - Central Trade Park</b>
<i>Place of manufacture</i>	<b>Evropska 852 664 42 Modrice CZECH REPUBLIC</b>
<i>Reference standards</i>	<b>Rules for the Classification of Ships - Part C - Machinery Systems and Fire Protection; Ch. 3; Sec. 8, Table 1</b>

*Issued in* **HAMBURG** on **November 15, 2024**. *This Certificate is valid until* **November 14, 2029**

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**RINA Services S.p.A.**  
**Giuseppe Russo**

This certificate consists of this page and 1 enclosure

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**Enclosure - Page 1 of 1**  
**Series 18D**

**Description:**

**Diaphragm pneumatic pressure switches:**

Type	Pressure range (bar)	Switching pressure difference (bar) (Lower range)	Switching pressure difference (bar) (Upper range)	Overpressure (bar)
<b>0880241</b>	0.2 to 2	0.2	0.35	50
<b>0880341</b>	0.5 to 8	0.35	0.85	80
<b>0880441</b>	1.0 to 16	0.4	1.2	80
<b>0880641</b>	1.0 to 30	1.0	5.0	80

**Piston Hydraulic pressure switches:**

Type	Pressure range (bar)	Switching pressure difference (bar) (Lower range)	Switching pressure difference (bar) (Upper range)	Overpressure (bar)
<b>0882141</b>	5 to 70	10.5	15	600
<b>0882241</b>	10 to 160	11	17	600
<b>0882341</b>	25 to 250	13	21	600

**Technical description**

NORGREN datasheets: N/UK 5.11.008 ( 02 to 30 bar); N/UK 5.11.108 ( 5 to 250 bar);

**Test Reports:**

BV/DNV/GL/LR 2000-01 (28/03/2000)

**HAMBURG November 15, 2024**

*Giuseppe Russo*