



Certificate number: 40154/C0 BV

File number: AP 4571

Product code: 3891H

This certificate is not valid when presented without the full attached schedule composed of 7 sections

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TYPE APPROVAL CERTIFICATE

This certificate is issued to

IMI International s.r.o.

Modrice - CZECH REPUBLIC

for the type of product

PRESSURE TRANSMITTERS / TRANSDUCERS

Model 140 - 4-20mA Current Pressure Converter

Requirements:

Bureau Veritas Rules for the Classification of Steel Ships

EC Code: 42

This certificate is issued to attest that Bureau Veritas Marine & Offshore did undertake the relevant approval procedures for the product identified above which was found to comply with the relevant requirements mentioned above.

This certificate will expire on: 11 May 2031

For Bureau Veritas Marine & Offshore,

At BV PRAGUE, on 11 May 2026,

Pavel Jr. Stepanek

This certificate was created electronically and is valid without signature



This certificate remains valid until the date stated above, unless cancelled or revoked, provided the conditions indicated in the subsequent page(s) are complied with and the product remains satisfactory in service. This certificate will not be valid if the applicant makes any changes or modifications to the approved product, which have not been notified to, and agreed in writing with Bureau Veritas Marine & Offshore. Should the specified regulations or standards be amended during the validity of this certificate, the product(s) is/are to be re-approved prior to it/they being placed on board vessels to which the amended regulations or standards apply. This certificate is issued within the scope of the General Conditions of Bureau Veritas Marine & Offshore available on the internet site www.veristar.com. Any Person not a party to the contract pursuant to which this document is delivered may not assert a claim against Bureau Veritas Marine & Offshore for any liability arising out of errors or omissions which may be contained in said document, or for errors of judgement, fault or negligence committed by personnel of the Society or of its Agents in establishment or issuance of this document, and in connection with any activities for which it may provide.

The electronic version is available at: <https://www.veristarpn.com/veristarnb/jsp/viewPublicPdfTypepec.jsp?id=7egettabta>

BV Mod. Ad.E 530 June 2017

This certificate consists of 3 page(s)

THE SCHEDULE OF APPROVAL

1. PRODUCT DESCRIPTION:

Model 140 xx Series : 4-20mA Current to Pressure Converter.

Output Pressure : 0,2... 1 bar (3... 15 psi) or 0,2... 2 bar (3... 30 psi)
Flow Capacity : up to 300 NL/min
Input Signal : 4...20 mA (two wires)
Connection : 1/2" NPT or M20

2. DOCUMENTS AND DRAWINGS:

NORGREN:

Drawing General Arrangement Ref. 2000-054 Issue F,

For modification B0 version:

NORGREN:

Datasheet 140 failsafe series No.: 2006-115e.
Installation and operating instructions No.:2011-035d.

3. TEST REPORTS:

TUV :

EMC Test No. 75927888 Report 01 Issue 1, dated Nov 04, 2014.
Environmental Test No. 75927888 Report 02 Issue 1, dated Nov 04, 2014.

For modification B1 version:

TUV :

EMC Test No. 75949354-01 Issue 01, dated July 22, 2020.

4. APPLICATION / LIMITATION:

- 4.1 - BUREAU VERITAS Rules for the Classification of Steel Ships.
- 4.2 - Approval valid for ships intended to be granted with the following additional class notations: **AUT-UMS, AUT-CCS, AUT-PORT and AUT-IMS.**
- 4.3 - BUREAU VERITAS Environmental Category, **EC Code: 42**
- 4.4 - The equipment fulfils the EMC requirements for installation in General Power Distribution Zones.
- 4.5 - The equipment is not intended for hazardous areas.
- 4.6 - Equipment covered by this Type Approval certificate has been tested according to requirements of IACS UR E10 rev.9.

5. PRODUCTION SURVEY REQUIREMENTS:

- 5.1 - The above products are to be supplied by **IMI International s.r.o** in compliance with the type described in this certificate.
- 5.2 - This type of product is within the category HBV of Bureau Veritas Rule Note NR320 and as such does not require a BV product certificate.
- 5.3 - **IMI International s.r.o** has to make the necessary arrangements to have its works recognised by Bureau Veritas in compliance with the requirements of NR320 for HBV products.
- 5.4 - For information, **IMI International s.r.o** has declared to Bureau Veritas the following production site(s):

IMI International s.r.o
Evropska 852
664 42 Modrice
CZECH REPUBLIC

6. MARKING OF PRODUCT:

Maker's name or trade mark.

Serial number of the units.

Equipment type number or model identification under which it was type-tested.

7. OTHERS:

7.1 - It is **IMI International s.r.o**'s responsibility to inform shipbuilders or their sub-contractors of the proper methods of fitting, use and general maintenance of the approved equipment and the conditions of this approval.

7.2 - This certificate supersedes the Type Approval Certificate No. 40154/B2 BV issued by the Society.

***** END OF CERTIFICATE *****