DNV·GL

Certificate No:
TAA000017M

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Pressure Transmitter

with type designation(s)
2600T - 266

Issued to
ABB S.p.A. - IAMA Division
Tremezzina (loc. Ossuccio) CO, Italy

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.

Location classes:

Temperature	**D**
Humidity	**B**
Vibration	**B**
EMC	**B**
Enclosure	**C / IP67**

Issued at **Hamburg** on **2017-06-22**
This Certificate is valid until **2022-06-21**.
DNV GL local station: **Milan**

Approval Engineer: **Dariusz Lesniewski**

for **DNV GL**

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.

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Job Id: **262.1-009438-2**
Certificate No: **TAA000017M**

Product description

2600T Series pressure transmitters for absolute-, gauge- and differential pressure available in the following base models:

266	**D**	differential	**S**	standard construction	**T**	top performance
	M	diff. multisensor	**R**	with remote seals*	**H**	hi performance
	R	diff. absolute	**D**	with one direct mount diaphragm seal + a possible remote seal*	**X**	different performance
	G	gauge				
	A	absolute	**L**	with one direct mount diaphragm seal + remote seal*		
	H	gauge hi overload				
	N	absolute hi overload	**H**	flange mounted (no diaphragm seal)		
	V	absolute dp style	**V**	with two diaphragm seal* very hi performances		
	P	gauge dp style				
	J	dual output				
	C	multivariable				

* **S26X** Remote seal

E.g. Model 266DSH is a differential transmitter with standard construction and high performance

External communication protocols: Profibus PA, Foundation Fieldbus or HART 4-20 mA.
For further details, see respective data sheets as listed under Type Approval documentation.

Place of manufacture

ABB S.p.A.
Via L. Vaccani 4
22016 Tremezzina (Loc. Ossuccio) Como, Italy

ABB Automation Products GmbH
Schillerstr. 72
32425 Minden, Germany

ABB Automation Engineering Co., Ltd.
No 4528, KangXin Highway, KangQiao Town,
Pudong new District, Shanghai, P.R. China

Application/Limitation

The Type Approval covers hardware listed under Product description. When the hardware is used in applications to be classed by DNV GL, documentation for the actual application is to be submitted for approval by the manufacturer of the application system in each case. Reference is made to DNV GL rules for classification of ships Pt.4 Ch.9 Control and monitoring systems.

Ex-certification is not covered by this certificate. Application in hazardous area to be approved in each case according to the Rules and Ex-Certification / Special Condition for Safe Use listed in valid Ex-certificate issued by a notified/recognized Certification Body.

Ex-loops are to be documented according to the requirements in Pt.4 Ch.8 Sec.11.

Type Approval documentation

Tests carried out

Applicable tests according to class guideline DNVGL-CG-0339, November 2016.

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

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

END OF CERTIFICATE