

KONGSBERG MARITIME AS
SKONNERTVEGEN 1
7053 RANHEIM
P.O. BOX 2434
TRONDHEIM
Norway 7005
Telephone: 47-81-57-37-00
Fax: 47-73-58-10-01
Email: km.sales@kongsberg.com
Web: www.kongsberg.com

Tier: 2 - PDA Issued

Product: Pressure Transmitter

Model: GT-300 and GT-301

Intended Service:

ABS classed vessels and offshore facilities in accordance with the listed ABS Rules.

Description:

The GT-300 and GT-301 pressure transmitters measure pressure using capacitive pressure-sensing cells together with electronic units encapsulated in the sensor body.

Rating:

Power supply: 24 VDC (11 to 35 VDC);

Output signal: 4 to 20 mA;

Output signal with sensor fault: <3,5 mA or >21 mA, typical 23 mA;

Ambient temperature: -25 to +100 degrees C;

Enclosure protection degree: IP 56;

Measured values: various temperature ranges between 0 degrees C and +900 degrees C.

Service Restriction:

Unit Certification is not required for this product. If the manufacturer or purchaser request an ABS Certificate for compliance with a specification or standard, the specification or standard, including inspection standards and tolerances, must be clearly defined.

Comments:

GT 300 - General/Engine Room; GT 301 - Engine Room, side mounted.

The Manufacturer has provided a declaration about the control of, or the lack of Asbestos in this product.

Notes/Drawing/Documentation:

Drawing No.P-GT300/CE Rev.D dated 14 May 2013, Pressure Transmitter GT300,

Drawing No.P-GT301/CE Rev.C dated 14 May 2013, Pressure Transmitter GT301,

Drawing No.P-GT300/CE Rev.E dated 13 April 2015, Pressure Transmitter GT300,

Drawing No.P-GT301/CE Rev.D dated 13 April 2015, Pressure Transmitter GT301,

Test Report No. E16195.02 rev.02 dated 28 March 2017, test Report issued by NEMCO AS,

Terms of Validity:

This Product Design Assessment (PDA) Certificate remains valid until 17/Oct/2024 or until the Rules and/or Standards used in the assessment are revised or until there is a design modification warranting design reassessment (whichever occurs first).

Acceptance of product is limited to the "Intended Service" details prescribed in the certificate and as per applicable Rules and Standards.

This Certificate is valid for installation of the listed product on ABS units which exist or are under contract for construction on or previous to the effective date of the ABS Rules and standards applied at the time of PDA issuance. Use of the Product for non-ABS units is subject to agreement between the manufacturer and intended client.

STANDARDS

KONGSBERG MARITIME AS
SKONNERTVEGEN 1
7053 RANHEIM
P.O. BOX 2434
TRONDHEIM
Norway 7005
Telephone: 47-81-57-37-00
Fax: 47-73-58-10-01
Email: km.sales@kongsberg.com
Web: www.kongsberg.com

Tier: 2 - PDA Issued

ABS Rules:

- 2019 Marine Vessels Rules 1-1-4/7.7, 1-1-A3, 1-1-A4 and 4-9-9/13
- 2019 Steel Vessels Rules 1-1-4/7.7, 1-1-A3, 1-1-A4 and 4-9-8/13
- 2019 Offshore Support Vessels Rules 1-1-4/7.7, 1-1-A3 and 1-1-A4, and 4-9-8/13
- 2019 Steel Vessels Under 90 Meters (295 Feet) in Length 1-1-4/7.7, 1-1-A3, 1-1-A4, 4-7-4/3
- 2019 Mobile Offshore Units Rules 1-1-4/9.7, 1-1-A2, 1-1-A3, 6-1-1/9 and 6-1-1/13
- 2019 Mobile Offshore Drilling Units Rules 1-1-4/9.7, 1-1-A2, 1-1-A3, 6-1-1/9 and 6-1-1/13
- 2019 Facilities on Offshore Installations 1-1-4/9.7, 1-1-A2, 1-1-A3
- 2019 High Speed Crafts 1-1-4/11.9, 1-1-A2, 1-1-A3
- 2019 Steel Barge Rules 1-1-4/7.7, 1-1-A3, 1-1-A4

National:

NA

International:

IACS UR E10 Rev.6 (2014)

Government:

NA

EUMED:

NA

OTHERS:

NA