

KONGSBERG MARITIME AS
SKONNERTVEGEN 1
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Tier: 2 - PDA Issued

Product: Temperature Transmitter
Model: GN-11 Temperature Transmitter
Intended Service:

Use on ABS Classed Vessels and Offshore Facilities in accordance with the listed ABS Rules and International Standards.

Description:

Single channel transmitter which can handle signals from Pt100 and Pt1000 as well as K-Type and J-Type thermocouples. Equipped with an internal compensator for varying ambient temperature.

Rating:

Power Supply: 24VDC (12-35V)
Output Signal: 4-20mA
Ambient Temperature: -40C – 25C
IP Rating: IP00

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:

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

Notes/Drawing/Documentation:

Test Report No.2006-3407 Rev.01 dated 8 September 2006, EMC and Environmental Test of GN-11 issued by DNV,
Test Report No.E16194.00 Rev.00 dated 27 October 2016, Test report issued by NEMCO AS,
Drawing No.P-GN11/CE Rev.D dated 2 January 2012, Temperature Transmitter,
Drawing No.P-GN11/CE Rev.E dated 4 March 2016, Temperature Transmitter,

Terms of Validity:

This Product Design Assessment (PDA) Certificate remains valid until 22/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

ABS Rules:

- 2019 Marine Vessel Rules 1-1-4/7.7, 1-1-A3, 1-1-A4, 4-9-9/13, 4-9-9/13 Table 1 & Table 2
- 2019 Steel Vessel Rules 1-1-4/7.7, 1-1-A3, 1-1-A4, 4-9-8/13, 4-9-8/13 Table 1 & Table 2
- 2019 Offshore Support Vessels 1-1-4/7.7, 1-1-A3, 1-1-A4, 4-9-8/13, 4-9-8/13 Table 1 & Table 2

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- 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 Drilling Units 1-1-4/9.7, 1-1-A2, 1-1-A3, 6-1-1/9, 6-1-1/13
- 2019 Mobile Offshore Units 1-1-4/9.7, 1-1-A2, 1-1-A3, 6-1-1/9, 6-1-1/13
- 2019 Facilities on Offshore Installations 1-1-4/9.7, 1-1-A2, 1-1-A3
- 2019 Steel Vessels for Service on Rivers and Intracoastal Waterways 1-1-4/7.7, 1-1-A3, 1-1-A4
- 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