



## Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested with satisfactory results in accordance with the relevant requirements of the Lloyd's Register Type Approval System.

<b>Manufacturer</b>	<b>Kongsberg Maritime AS</b>
<b>Address</b>	Skonnertvegen 1, 7053 Ranheim, Norway
<b>Place of Production</b>	Kongsberg Maritime AS Skonnertvegen 1, 7053 Ranheim, Norway
<b>Type</b>	Transmitters/Transducers
<b>Description</b>	Pressure Transmitter GT300, GT301, GT402, GT403, GT404, GT406
<b>Trade Name</b>	GT300, GT301, GT402, GT403, GT404, GT406,
<b>Application</b>	Marine, offshore and industrial applications for use in environmental categories ENV1, ENV2, ENV3 and ENV4 as defined in Lloyd's Register's Type Approval System, Test Specification Number 1 – 2021.
<b>Specified Standard</b>	Manufacturer's specification IACS UR E10 Rev. 8: 2021
<b>Ratings</b>	Power supply: 24 VDC Output signal: 4 to 20 mA / 2-wires with HART

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Electrical & Control - Specialist to Lloyd's Register EMEA  
A member of the Lloyd's Register group

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### Measuring range:

GT300/301: 0.6 – 100 bar

GT402: 0.25 – 400 bar (pressures above 40 bar were not proven by an attestation)

GT403/404: 0.6 – 40 bar

GT406: 0.5 – 50 bar

### Software versions:

GT300/301/406: V1.0.x

GT402/403/404: V1.0.x (x = minor changes)

### Additional Tests

Low temperature test: -45 °C / 16 h

Dry heat test: 85 °C / 16 h

Enclosure protection:

IP56 (gauge transmitter)

IP66 (abs. transmitter)

IP68, 6 bar (GT403)

IP20 (GT406)

### Other Conditions

Specific Conditions of Use as stated in applicable Ex-certificates and the conditions of the LR Rules & Regulations for the Classification of Ships, Part 6, Chapter 2 shall be observed when installed in hazardous areas. The Ex-certification does not form part of this certificate.

Type Approval does not eliminate the need for normal inspection and survey procedures required by the Rules and Regulations.

If the specified standards are amended during the validity of this certificate, the product is to be re-approved prior to it being supplied to vessels to which the amended standards apply.

This certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register EMEA of any modification or changes to the equipment in order to obtain a valid Certificate.

**Previous Version:** This certificate supersedes certificate number LR2006764TA issued on



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## Type Approval Certificate

18 August 2020 which is hereby cancelled.

The Design Appraisal Document HPC2062037-23/MK and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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