



# 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.*

This certificate is issued to:

<b>PRODUCER</b>	BD   SENSORS GmbH BD-Sensors-Str. 1 95199 Thierstein GERMANY
<b>DESCRIPTION</b>	Level probe
<b>TYPE</b>	LMK 487, DX14B-LMK487  Firmware version: 2.7
<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 – 2018.
<b>ADDITIONAL TESTS</b>	Low temperature (-25°C/2h) Degree of protection IP68 (40bar/30min)
<b>STANDARD</b>	Manufacturer's specification
<b>RATINGS</b>	Pressure range: 0.1 to 10 bar Output: 4 – 20 mA Power supply: 24 V DC
<b>OTHER CONDITIONS</b>	Ratings for application in hazardous areas are to be obtained from the applicable Ex Certificates.
<b>Certificate No.</b>	18/20068
<b>Issue Date</b>	18 October 2018
<b>Expiry Date</b>	17 October 2023
<b>Sheet</b>	1 of 2

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Hamburg Technical Support Office



Lloyd's Register EMEA

LR031.1.2013.12

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*The 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.*

*The Design Appraisal Document No. HTS/ETS 37449-18 and its supplementary Type Approval Terms and Conditions form part of this Certificate.*

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**Sheet** 2 of 2

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