



## 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>BD SENSORS GmbH</b>
<b>Address</b>	BD-Sensors-Straße 1, Thierstein, 95199, Germany
<b>Type</b>	Transmitters/Transducers
<b>Description</b>	Level probe  Types LMK 487, DX14B-LMK487  Firmware version: 2.7
<b>Trade Name</b>	LMK, DX
<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>Specified Standard</b>	Manufacturer's specification IACS unified requirements E10 (Rev.8 Feb 2021)
<b>Ratings</b>	Pressure range: 0.1 to 10 bar Output: 4 – 20 mA

71 Fenchurch Street, London, EC3M 4BS, United Kingdom

**Thorsten Wolff**

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

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Power supply: 24 V DC

**Additional Tests** Low temperature (-25°C/2h)  
Degree of protection IP68 (40bar/30min)

**Other Conditions** Ratings for application in hazardous areas are to be obtained from the applicable Ex Certificates.

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:** 18/20068

The Design Appraisal Document HPC1862057-24/TW and its supplementary Type Approval Terms and Conditions form part of this Certificate.