



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.

Manufacturer	BD SENSORS GmbH
Address	BD-Sensors-Straße 1, Thierstein, 95199, Germany
Place of Production	BD SENSORS GmbH BD-Sensors-Straße 1, Thierstein, 95199, Germany
Place of Production	BD SENSORS s.r.o. Hradistska 817, Buchlovice, 687 08, Czech Republic
Type	Transmitters/Transducers
Description	Level probe Types LMK 458*, DX14A-LMK458*, LMK 458 H*, DX15A-LMK458 H*, EP 500 Software release: 2.2 (LMK458 H) 2.0 (DSK 701 C)
Trade Name	LMK, DX, EP
Application	Marine, offshore and industrial applications for use in environmental

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Thorsten Wolff

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Lloyd's Register EMEA
A member of the Lloyd's Register group

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categories ENV1, ENV2, ENV3 and ENV4 (types marked with “**”) as defined in Lloyd's Register's Type Approval System, Test Specification Number 1 – 2002.

Specified Standard	Manufacturer's specification IACS unified requirements E10 (Rev.8 Feb 2021)
Ratings	Power supply: 24 V DC Output: 4-20 mA Pressure ranges: LMK 458* 0-0.04 to 0-20 DX14A-LMK458* 0-0.04 to 0-20 LMK 458 H* (HART communication) 0-0.06 to 0-20 DX15A-LMK458 H* (HART communication) 0-0.06 to 0-20 EP 500 0-0.06 to 0-20
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: 13/20056 (E1)

The Design Appraisal Document HPC1862142-24/TW and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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