



## 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>Place of Production</b>	BD SENSORS GmbH BD-Sensors-Straße 1, Thierstein, 95199, Germany
<b>Place of Production</b>	BD SENSORS s.r.o. Hradistska 817, Buchlovice, 687 08, Czech Republic
<b>Type</b>	Transmitters/Transducers
<b>Description</b>	Pressure transmitter  TYPES DX14A-DMK456, DMK 458*, DX14A-DMK458, DMK 457*, DX19-DMK 457*, DMP 457*, DX19-DMP 457*, 17.457G, 18.457G, 26.457G and 30.457G
<b>Trade Name</b>	DX, DMK, DMP
<b>Application</b>	Marine, offshore and industrial applications for use in environmental categories ENV1, ENV2, ENV4 and ENV3 (types marked with “**”) and as defined in Lloyd's Register's Type Approval System, Test Specification Number 1 –

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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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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: DX14A-DMK456 0-0.04 to 0-20 bar  
DMK 458\* 0-0.04 to 0-20 bar  
DX14A-DMK458 0-0.04 to 0-20 bar  
DMK 457\* 0-0.4 to 0-160 bar  
DX19-DMK 457\* 0-0.4 to 0-160 bar  
DMP 457\* 0-0.1 to 0-600 bar  
DX19-DMP 457\* 0-0.1 to 0-600 bar  
17.457G 0-6 to 0-600 bar  
18.457G 0-0.1 to 0-6 bar  
26.457G 0-1 to 0-160 bar  
30.457G 0-1.6 to 0-250 bar

### 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:** 13/20055 (E1)

The Design Appraisal Document HPC1862141-24/TW and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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