Certificate No: LR25334720TA
Issue Date: 13/11/2025
Expiry Date: 12/11/2030

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	**Endress+Hauser SE + Co. KG**
Address	Hauptstrasse 1, 79689 Maulburg, Germany
Type	Transmitters/Transducers
Description	Level transmitter Micropilot Level measurement of liquids and solids
Trade Name	Micropilot FMR20B, FMR30B
Application	Marine, Offshore and Industrial applications for use in environmentalcategories ENV1, ENV2, ENV3, ENV4 and ENV5, as defined in Lloyd's Register Type Approval System, Test SpecificationNumber 1 – 2024
Specified Standard	Manufacturer's specification IACS unified requirements E10 (Rev.9 Aug 2023)
Ratings	Micropilot FMR20B Output: 2-wire 4-20mA HART Display: LED (with or without Bluetooth) Electrical connection: Pre-installed cable (up to 300m) Antenna: PVDF encapsulated, 40mm/1-1/2" PVDF encapsulated, 80mm/3" Process Connection,

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Thorsten Wolff

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

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

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Cable End:	Thread (except < 1'') w/o, cable entry side
Process Connection, Antenna End:	Thread (except < 1 1/2'')
Firmware:	01.00.zz, HART 7, DevRev01

Micropilot FMR30B

Output:	2-wire 4-20mA HART
Display:	Color display with touch control (with or without Bluetooth)
Electrical connection:	Cable Gland Thread
Antenna:	PVDF encapsulated, 40mm/1-1/2"
Process Connection, Cable End:	w/o, cable entry side
Process Connection, Antenna End:	Thread (except < 1½'')
Firmware:	01.00.zz, HART 7, DevRev01

Other Conditions Ratings for application in hazardous areas are to be obtained from theapplicable 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.

The Design Appraisal Document TSO-24-019736/TW and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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