



IECEx Certificate of Conformity

Certificate No.:	IECEx BVS 08.0027X	Page 2 of 4
Date of issue:	2022-12-14	Issue No: 2
Manufacturer:	Endress+Hauser SE+Co. KG Hauptstraße 1 79689 Maulburg Germany	
Manufacturing locations:	Endress+Hauser SE+Co. KG Hauptstraße 1 79689 Maulburg Germany	
This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended		
STANDARDS : The equipment and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards		
IEC 60079-0:2017 Edition:7.0	Explosive atmospheres - Part 0: Equipment - General requirement	nts
IEC 60079-11:2011 Edition:6.0	Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"	
IEC 60079-26:2021-02 Edition:4.0	Explosive atmospheres - Part 26: Equipment with Separation Ele	ements or combined Levels of Protection
This Certificate does not indicate compliance with safety and performance requirements other than those expressly included in the Standards listed above.		
TEST & ASSESSMENT REPORTS: A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in:		

Test Report:

DE/BVS/ExTR08.0033/02

Quality Assessment Report:

DE/TUN/QAR06.0003/10



IECEx Certificate of Conformity

Certificate No .:

IECEx BVS 08.0027X

Date of issue:

Page 3 of 4

Issue No: 2

EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

Description

The measuring unit is mounted to a tank by a flange.

2022-12-14

The unit is inserted into the tank and, in case of the rod probe or the rope probe, it forms a capacitor with the tank walls or, in case of the rod probe, with a grounded tube.

The apparatus meet the requirements of Category 2G (Some types additionally Category 2D). The intrinsically safe probe circuit and the probes meet the requirements of Category 1G (Some types additionally Category 1D).

Model code See Annex

Parameters See Annex

SPECIFIC CONDITIONS OF USE: YES as shown below:

For use in hazardous areas caused by gases:

The measuring units Liquicap M type FMI5*-******2*** and type FTI5*-*******2*** may only be installed in a way that electrostatic charges will be avoided

The measuring units Liquicap M type FTI5*-***(A,B,C,D,H,K,M,N,T,1)******** (without ground tube), as well as the measuring units Liquicap M type FMI5*-***(A,B,C,D,H,K,M or N)******* (without ground tube) shall only be used where electrostatic charging of the probe caused by the process is not possible.

For use in hazardous areas caused by dust:

An electrostatic charging of the sensor cable of the measuring units Liquicap M type FTI5*-********(2, 3, 4, 5)* (remote version) and type FMI5*-*********(2, 3, 4, 5)* (remote version) has to be excluded.

Some types (see marking, type code and instructions) of sensors can be installed in the boundary wall between Zone 0 or Zone 20 and the less hazardous area Zone 1 or Zone 21. The separating element is a permanently compressed joint with PTFE or PFA bushing with a cone length of ≥ 17 mm and a thickness between 2 mm and 1.7 mm on stainless steel rod or alternative on some types a gas tight probe seal (glass feedthrough). The sensors may be employed only for those media, for which the wetted parts are known to be suitable.



IECEx Certificate of Conformity

Certificate No .:

Date of issue:

IECEx BVS 08.0027X

2022-12-14

Page 4 of 4

Issue No: 2

DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)

- The equipment has been assessed in accordance with current standard versions •
- The marking and surface temperatures were modified due to 200 mm of dust filling •
- The parameters were updated
- •
- Type of enclosure F27 was added The Specific Conditions of Use were updated •

Annex:

BVS_08_0027X_Endress+Hauser_Annex_issue2_2.pdf