

UK Type Examination Certificate CML 21UKEX5460 Issue 0**United Kingdom Conformity Assessment**

- 1 Product or Protective System Intended for use in Potentially Explosive Atmospheres UKSI 2016:1107 (as amended) – Schedule 3A, Part 1
- 2 Equipment **Ultrasonic sensor type PROSONIC s FDU 9*-***
- 3 Manufacturer **Endress+Hauser SE+Co. KG**
- 4 Address **Hauptstr. 1,
79689 Maulburg,
Germany**
- 5 The equipment is specified in the description of this certificate and the documents to which it refers.
- 6 Eurofins E&E CML Limited, Newport Business Park, New Port Road, Ellesmere Port, CH65 4LZ, United Kingdom, Approved Body Number 2503, in accordance with Regulation 43 of the Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres Regulations 2016, UKSI 2016:1107 (as amended), certifies that this equipment has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment intended for use in potentially explosive atmospheres given in Schedule 1 of the Regulations.

The examination and test results are recorded in the confidential reports listed in Section 12.
- 7 If an 'X' suffix appears after the certificate number, it indicates that the equipment is subject to specific conditions of use (affecting correct installation or safe use). These are specified in Section 14.
- 8 This UK Type Examination certificate relates only to the design and construction of the specified equipment. Further requirements of the Regulations apply to the manufacturing process and supply of the product. These are not covered by this certificate.
- 9 Compliance with the Essential Health and Safety Requirements, with the exception of those listed in the confidential report, has been demonstrated through compliance with the following documents:

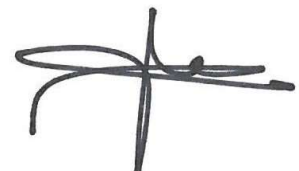
EN IEC 60079-0:2018 EN 60079-18:2015+A1:2017 EN 60079-31:2014

- 10 The equipment shall be marked with the following:



Refer to attached certificate BVS 05 ATEXE009, Issue 5 for specific marking of explosion protection symbols.

Refer to attached certificate BVS 05 ATEXE009, Issue 5 for marked code and ambient temperature range.



Afsaneh Jafari
Certification Officer



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11 Description

For product description refer to attached certificate BVS 05 ATEXE009, Issue 5.

12 Certificate history and evaluation reports

Issue	Date	Associated report	Notes
0	02 Sep 2021	R14139BA/00	Issue of the prime certificate. BVS 05 ATEXE009, Issue 5 is attached and shall be referred to in conjunction with this certificate.

Note: Drawings that describe the equipment are listed or referred to in the Annex.

13 Conditions of Manufacture

For conditions of manufacture, refer to attached certificate BVS 05 ATEXE009, Issue 5.

Any routine tests/verifications required by the ATEX certification shall be conducted.

14 Specific Conditions of Use

For specific conditions of use, refer to attached certificate BVS 05 ATEXE009, Issue 5.

Certificate Annex

Certificate Number CML 21UKEX5460
Equipment Ultrasonic sensor type PROSONIC s FDU 9*-*
Manufacturer Endress+Hauser SE+Co.KG



The following documents describe the equipment defined in this certificate:

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For drawings describing the equipment, refer to attached certificate BVS 05 ATEXE009 In addition to the drawings listed on BVS 05 ATEXE009, the following drawings include the additional marking required for this UK Type Examination certification:

Drawing No	Sheets	Rev	Approved date	Title
961005438	1 of 1	A	02 Sep 2021	Typenschild FDU93 / 95 / UKCA-lettering
961005439	1 of 1	A	02 Sep 2021	Nameplate FDU90/91/91F/92-lettering / UKCA