

**UK Type Examination Certificate CML 21UKEX1236X Issue 1****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 **Proline Promass 300/500, Proline Cubemass 300/500, Proline Promag 300/500, Proline Prosonic Flow 300/500 and Proline t-mass 300/500**
- 3 Manufacturer **Endress+Hauser Flowtec AG**
- 4 Address **Endress+Hauser Flowtec AG** Kaegenstrasse 7, CH-4153, Reinach BL, Switzerland  
**Endress+Hauser Flowtec AG** Cernay, France  
**Endress+Hauser Flowtec (India) Pvt. Ltd.** Waluj, India  
**Endress+Hauser Flow USA, Inc** 2330 Endress Place, Greenwood, IN 46143 USA  
**Endress+Hauser Flowtec (China) Co. Ltd.** Suzhou, P.R. China  
**Endress+Hauser Flowtec (Brazil) Fluxômetros Ltda.,**  
Estrada Municipal Antônio Sesti, 600 A - Recreio Costa Verde – Itatiba / SP, CEP 13254 – 085 – Brazil  
**Endress+Hauser Flowtec (China) Co. Ltd.,**  
Site 1: China- Singapore Suzhou Industrial Park (SIP), Su-Hong-Zhong-Lu No. 465  
Site 2: Suzhou Industrial Park (SIP), Jiang-Tian-Li-Lu No. 31, 215021 Suzhou, P.R. China

- 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 60079-1:2014	EN IEC 60079-7:2015/A1:2018
EN 60079-11:2012	EN 60079-26:2015	EN 60079-31:2014
IEC TS 60079-47:2021		

- 10 The equipment shall be marked with the following:



Refer to attached certificate Sira 16ATEX2219X, Issue 8 for specific marking of explosion protection symbols.

Refer to attached certificate Sira 16ATEX2219X, Issue 8 for marked code and ambient temperature range.





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## 11 Description

For product description refer to attached certificate Sira 16ATEX2219X, Issue 8.

The product codes are covered by the marking table in Sections 1.1, 2.1, 3.1 and 4.1 of the certificate Annex of Sira 16ATEX2219X, Issue 8.

The model code has been amended to include an option for UKEX certification; Where dd = approval for ATEX, designation “B\*” is used, for UKEX certification this can now be replaced with “U\*”.

E.g. ATEX: BA\*ff\*\*\*\*\*  
UKEX: UA\*ff\*\*\*\*\*

## Variation 1

This variation introduces the following modifications:

- i. Update reference to latest issue of ATEX certificate issue.

## 12 Certificate history and evaluation reports

Issue	Date	Associated report	Notes
0	12 May 2021	R13949A/00	Issue of the prime certificate. Sira 16ATEX2219X , Issue 7 is attached and shall be referred to in conjunction with this certificate.
1	04 Aug 2022	R15553A/00	Introduction of variation 1. Sira 16ATEX2219X , Issue 8 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 Sira 16ATEX2219X, Issue 8.

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 Sira 16ATEX2219X, Issue 8.

## Certificate Annex

**Certificate Number** CML 21UKEX1236X  
**Equipment** Proline Promass 300/500, Proline Cubemass 300/500,  
Proline Promag 300/500, Proline Prosonic Flow 300/500  
and Proline t-mass 300/500  
**Manufacturer** Endress+Hauser Flowtec AG



The following documents describe the equipment defined in this certificate:

### Issue 0

For drawings describing the equipment, refer to attached certificate Sira 16ATEX2219X and associated documentation. In addition to the drawings referred to on Sira 16ATEX2219X, the following drawings include the additional marking required for this UK Type Examination certification:

Drawing No	Sheets	Rev	Approved date	Title
323577-0004ZAA	1 of 1	A	11 May 2021	Nameplate sensor layout UKEX Promass A,F,H,I,O,P,Q,S,X 300/500 analog, digital
323578-0005ZAA	1 of 1	A	11 May 2021	Nameplate Sensor UKEX Promass E 300/500 Analog, digital
341595-0005ZAA	1 of 1	A	11 May 2021	Nameplate Sensor layout UKEX Promag P,W 300,500 analog, digital
370168-0004ZAA	1 of 1	A	11 May 2021	Nameplate sensor UKEX Prosonic Flow P
341594-0004ZAA	1 of 1	A	11 May 2021	Nameplate sensor layout UKEX Promag H 300, 500 analog, digital
323579-0004ZAA	1 of 1	A	11 May 2021	Nameplate sensor UKEX Cubemass sensor C 300/500 analog, digital
380308-0004ZAA	1 of 1	A	11 May 2021	Nameplate sensor ATEX UKEX t-mass F,I digital
FEK3730-0005ZAA	1 to 2	A	11 May 2021	Nameplate electronic UKEX Proline 300 / 500 Analog
FEK3731-0005ZAA	1 of 1	A	11 May 2021	Nameplate Electronic UKEX Proline 500 Digital
FEK3969-0004ZAA	1 of 1	A	11 May 2021	Nameplate Sensor UKEX Prosonic Flow G Digital
FEK3682-0009ZAA	1 of 1	A	11 May 2021	Addendum to Nameplate DKX001 UKEX

### Issue 1

For drawings describing the equipment, refer to attached certificate Sira 16ATEX2219X and associated documentation. In addition to the drawings referred to on Sira 16ATEX2219X, the following drawings include the additional marking required for this UK Type Examination certification:

Drawing No	Sheets	Rev	Approved date	Title
341595-0005ZAB	1 of 1	B	04 Aug 2022	Nameplate Sensor Layout UKEX Promag P,W 300,500 analog, digital

## Certificate Annex

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and Proline t-mass 300/500  
**Manufacturer** Endress+Hauser Flowtec AG



Drawing No	Sheets	Rev	Approved date	Title
FEK3730-0005ZAB	1 to 2	B	04 Aug 2022	Nameplate Electronic UKEX (UA, UB, UC, UD, U7, U8) Proline 300 / 500 Analog
FEK3731-0005ZAB	1 of 1	B	04 Aug 2022	Nameplate electronic UKEX (UI, UJ, UM, UN)