



SUPPLEMENTARY EU-TYPE EXAMINATION CERTIFICATE

- 1 Equipment or Protective System Intended for use in Potentially Explosive Atmospheres. Directive 2014/34/EU
- 2 Supplementary EU-Type Examination Certificate Number **LOM 16ATEX2062X/1** issue **0**
- 3 Product Counter / Flow controller
Types ZOK-E*K*F3** and ZOK-E*M*F3**
- 4 Manufacturer Kobold Messring GmbH
- 5 Address Nordring 22-24
D-65719 Hofheim
GERMANY
- 6 This supplementary certificate extends EU-Type Examination Certificate No. LOM 12ATEX2087X to apply to products designed and constructed in accordance with the specification set out in the Schedule of the said certificate but having any variations specified in the Schedule attached to this certificate and the documents therein referred to.
- 7 Laboratio Oficial J.M. Madariaga (LOM), Notified Body number 0163 in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that the product, as modified by this supplementary certificate, has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Annex II to the Directive.
The examination and test results are recorded in confidential Report No. **16.832K**
- 8 Compliance with the Essential Health and Safety Requirements has been assured by compliance with:
- Standards **EN 60079-0:2012/A11:2013** **EN 60079-11:2012**
- 9 The marking of the product shall include the following:



II 2G Ex ia IIC T4 Gb

Getafe,

Head of Certification Committee

RPCER 25.17

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LABORATORIO OFICIAL J. M. MADARIAGA

13 SCHEDULE

14 Supplementary EU-Type Examination Certificate Number **LOM 16ATEX2062X/1**

15 Description of the variation to the product

- a) Modification of the internal battery circuit
- b) The denomination and options of the different variants are modified. No changes in the circuits

Counter/flow controller electronics for meter mount	
ZOK-E1M*F3**	Flow counter, battery and external powered, no outputs, pulse signal input(s).
ZOK-E2M*F3**	Dosing unit, external powered, 2 optocoupler outputs, pulse signal input.
ZOK-E3M*F3**	Flow controller, battery, external or loop powered, 4-20mA output, 2/3-wire, pulse signal input(s). Outputs disabled during battery powering.
ZOK-E4M*F3**	Flow controller, battery, external or loop powered, 4-20mA output with fully HART functionality, pulse signal input(s). Outputs disabled during battery powering.
ZOK-E5M*F3**	Flow controller, external powered, 4-20mA output 3-wire, switching and pulse optocoupler outputs, pulse signal input(s).
Stand alone counter/flow controller electronics	
ZOK-E1K*F3**	Flow counter, battery and external powered, no outputs, pulse signal input(s).
ZOK-E2K*F3**	Dosing unit, external powered, 2 optocoupler outputs, pulse signal input.
ZOK-E3K*F3**	Flow controller, battery, external or loop powered, 4-20mA output, 2/3-wire, pulse signal input(s). Outputs disabled during battery powering.
ZOK-E4K*F3**	Flow controller, battery, external or loop powered, 4-20mA output with fully HART functionality, pulse signal input(s). Outputs disabled during battery powering.
ZOK-E5K*F3**	Flow controller, external powered, 4-20mA output 3-wire, switching and pulse optocoupler outputs, pulse signal input(s).

* = other constructional variants

16 Report number **16.832K**

17 Specific conditions of use

No changes to certificate LOM 16ATEX2062X

18 Essential Health and Safety Requirements

Essential Health and Safety Requirements (EHSRs) are covered by the standards listed at item 9

19 Documents and drawings

Number	Sheets	Issue	Date	description
-	2	-	2017-01-30	Ordering code
802.204	7	1.1	2017-01-25	PCB drawing
904.049		1.1	2017-01-25	Schematics
904.049	1	1.1	2017-01-25	Component list
-		-	2017-02-01	User manual