



(1) **Conformity Statement**

- (2) Equipment or protective system intended for use in potentially explosive atmospheres - **Directive 2014/34/EU**
- (3) Certificate number: **SEV 14 ATEX 0160 X**
- (4) Product: Flowmeters and filling controllers DOMINO, Typelist see page 2
- (5) Manufacturer: Aquametro Oil & Marine AG
- (6) Address: Ringstrasse 75, 4106 Therwil, Switzerland
- (7) This product and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to.
- (8) Eurofins certifies that this product has been found to comply with the essential health and safety requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres given in Annex II to Directive 2014/34/EU of the European parliament and of the Council, dated 26 February 2014.
The examination and test results are recorded in confidential report no. 19-Ex-0043.X04, 21CH-01113.X05
- (9) Compliance with the essential health and safety requirements has been assured by compliance with:

EN ISO 80079-36:2016
EN ISO 80079-37:2016
EN IEC 60079-0:2018
EN 60079-7:2015
EN 60079-11:2012

Except in respect of those requirements listed at item 18 of the schedule.

- (10) If the sign «X» is placed after the certificate number, it indicates that the product is subjected to special conditions for safe use specified in the schedule to this certificate. The sign "U" is placed after the certificate number. It indicates that this certificate must not be mistaken for a certificate intended for an equipment or protective system. This partial certification may be used as a basis for certification of an equipment or protective system.
- (11) This Conformity Statement relates only to the design and construction of the specified product and not to specific items of product subsequently manufactured.
- (12) The marking of the product shall include the following:



Variant with integrated inductive sensor
II 2 G Ex h ia eb IIC T6 Gb
II 2 D Ex h tb IIIC T80 °C Db

Variant without integrated inductive sensor
II 2 G Ex h IIC T6 Gb
II 2 D Ex h IIIC T80 °C Db

Eurofins Electric & Electronic Product Testing AG
Notified Body ATEX

Martin Plüss
 Product Certification

(13)

Appendix

(14)

Conformity Statement no. SEV 14 ATEX 0160 X

(15) **Description of product**

Types: ARD**/****/**/**** bzw. AMD**/****/**** bzw. PMD**-****
mit Aufbaugruppen RW****/RD**
bzw. IN****/RW/RD** bzw. INA(/RW)/RD** bzw. INAH(/RW)/RD**

Flowmeters and filling controllers DOMINO

ARD**/****/**/**** respectively

AMD**/****/**** respectively

PMD**-****

with construction groups (mit Aufbaugruppen)

RW****/RD** respectively

IN****/RW/RD** respectively

INA(/RW)/RD** respectively

INAH(/RW)/RD** respectively.

- The entire system has to be connected to earth.
- The inductive sensor has to be connected according EN 60079-11 and EN 60079-14 to an certified Ex barrier which provided following parameters:
Parameter for the inductive Sensor:
U_i = 16 V
I_i = 25 mA
P_i = 34 mW
C_i = 50 nF
L_i = 250 uH

Classification of installation and use: stationary

Ingress protection: ---

Rated ambient temperature range (°C): -10°C to +70 °C

(16) **Report number**

21CH-01113.X05

(17) **“Special conditions for safe use” / “Schedule of limitations”**

General:

WARNING – Potential electrostatic charging hazard. Clean only with damp clothes.

For the type without integrated inductive sensor:

- No additional

For the type with integrated inductive sensor:

- Only permanently laid cables and lines may be inserted. The operator must ensure appropriate strain relief.

(18) **Essential health and safety requirements**

In addition to the essential health and safety requirements (EHSRs) covered by the standards listed at item 9, the following are considered relevant to this product, and conformity is demonstrated in the report:

Clause	Subject
None	

(19) **Drawings and documents**

See Test Report “Manufacturer’s Documents”