

Translation

(1) **EU-Type Examination Certificate**

(2) Equipment and protective systems intended for use in potentially explosive atmospheres, **Directive 2014/34/EU**



(3) **Certificate Number** TÜV 03 ATEX 2368 X **issue:** 00

(4) for the product: Interface Sensor type SEPARIX-C ...

(5) of the manufacturer: **FAFNIR GmbH**

(6) Address: Schnackenburgallee 149 c, 22525 Hamburg, Germany

Order number: 8000481442

Date of issue: 2018-03-13

(7) The design of this product and any acceptable variation thereto are specified in the schedule to this EU-Type Examination Certificate and the documents therein referred to.

(8) The TÜV NORD CERT GmbH, Notified Body No. 0044, in accordance with Article 17 of the Directive 2014/34/EU of the European Parliament and the Council of 26 February 2014, certifies that this product 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 the confidential ATEX Assessment Report No. 18 203 216500.

(9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN 60079-0:2012 + A11:2013 **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 subject to the Specific Conditions for Use specified in the schedule to this certificate.

(11) This EU-Type Examination Certificate relates only to the design, and construction of the specified product. Further requirements of the Directive apply to the manufacturing process and supply of this equipment. These are not covered by this certificate.

(12) The marking of the product shall include the following:

 **II 1 G Ex ia IIB T4 Ga**

TÜV NORD CERT GmbH, Langemarckstraße 20, 45141 Essen, notified by the central office of the countries for safety engineering (ZLS), Ident. Nr. 0044, legal successor of the TÜV NORD CERT GmbH & Co. KG Ident. Nr. 0032

The head of the notified body



Roder

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(13) SCHEDULE

(14) EU-Type Examination Certificate No. TÜV 03 ATEX 2368 X issue 00

(15) Description of product

The interface sensor type SEPARIX-C ... is used as part of a monitoring of light liquid separators and serves to detect a separation layer within the separator between water and light liquid.

The interface sensor type SEPARIX-C ... may in future also be manufactured in accordance with the test documents listed in the ATEX test report. The changes concern the change of the internal structure, the temperature class, the marking as well as the change of the address of the manufacturer.

Type designation:

SEPARIX-C H Cover and cable protection for aggressive media
SEPARIX-C L Plus Cover for non-aggressive media

Technical data:

Signal circuit in type of protection “Intrinsic Safety” Ex ia IIB
M12 plug “1” to “4” resp. only for connection to a certified intrinsically safe circuit
cable tail-end

Maximum values: $U_i = 15 \text{ V}$
 $I_i = 30 \text{ mA}$
 $P_i = 100 \text{ mW}$
 $L_i = 100 \mu\text{H}$
 $C_i = 10 \text{ nF}$

Permissible ambient temperature range:

-20 °C to +60 °C

(16) Drawings and documents are listed in the ATEX Assessment Report No. 18 203 216500

(17) Specific Conditions for Use

None

(18) Essential Health and Safety Requirements

no additional ones

- End of Certificate -