

CERTIFICATE

(1) EU-Type Examination

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

(3) EU-Type Examination Certificate Number: **KEMA 01ATEX1212 X** Issue Number: **4**

(4) Product: **VITO LT, MTT Interface Model 762 and VITO Probe Models 764, 764-CEPS-x, 765, 766, 767, 768 and 864**

(5) Manufacturer: **Enraf B.V.**

(6) Address: **Delftechpark 39, 2628 XJ Delft, The Netherlands**

(7) This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

(8) DEKRA Certification B.V., Notified Body number 0344 in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 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 confidential test report number NL/DEK/ExTR20.0009/00.

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

EN IEC 60079-0 : 2018

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 of 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 product. 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 (interface)

II 1 G Ex ia IIB T4 Ga (probe)

Date of certification: 4 May 2020

DEKRA Certification B.V.

L.G. van Schie
Certification Manager



(13) **SCHEDULE**

(14) **to EU-Type Examination Certificate KEMA 01ATEX1212 X**

Issue No. 4

(15) **Description**

The VITO LT, MTT Interface Model 762 is an electronic converter used in combination with the VITO Probe.

The VITO Probe Models 764, 764-CEPS-x, 765, 766, 767, 768 and 864 are used for temperature measurements and/or water bottom measurements.

The enclosure of the VITO LT, MTT Interface Model 762 is made of stainless steel and aluminium and the enclosure of the VITO Probe Models is made of stainless steel.

The enclosures have a degree of ingress protection of IP65 in accordance with EN 60529.

Ambient temperature range -40 °C to +60 °C.

Electrical data

Input/Output circuit (terminal CN6-1 and -2):
in type of protection intrinsic safety Ex ia IIB, only to be connected to a certified intrinsically safe circuit, with the following maximum values:

Ui = 24 V; li = 200 mA; Pi = 2 W; Ci = 6 nF; Li = 0 µH

Measurement circuits (terminals CN1 ... CN5, CN7, CN8):

only to be connected to a certified VITO Probe Model 764, 764-CEPS-x, 765, 766, 767, 768 or 864.

Installation instructions

The instructions provided with the product shall be followed in detail to assure safe operation.

(16) **Report Number**

No. NL/DEK/ExTR20.0009/00.

(17) **Specific conditions of use**

If the VITO Interface is mounted in an area where the use of EPL Ga equipment is required, it must be installed such, that, even in the event of rare incidents, ignition sources due to impact and friction sparks are excluded.

(18) **Essential Health and Safety Requirements**

Covered by the standards listed at item (9).

(19) **Test documentation**

As listed in Report No. NL/DEK/ExTR20.0009/00.

(20) **Certificate history**

Issue 1 -	201532400	initial certificate
Issue 2 -	214254000	assessment to latest edition of the standards
Issue 3 -	221789800	change to the probe construction
Issue 4 -	223953100	assessment to latest edition of the standards