

Translation:

(1) **Type Examination Certificate**

(2) Equipment or Protective systems intended for use in potentially explosive atmosphere **Directive 2014 / 34 / EU**

(3) **Number:** **TURCK Ex-17007HX** **issue No.: 1**

(4) Product: Current repeater
IM12-AO01-**I-I-***/***

(5) Manufacturer: Hans Turck GmbH & Co KG

(6) Address: Witzlebenstr. 7
45472 Mülheim an der Ruhr

(7) The design of this product and any acceptable variation thereto is specified in the appendix to this Type Examination Certificate.

(8) The Hans Turck GmbH & Co. KG 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 the Directive. The examination and test are recorded in the confidential Assessment Report TURCK Ex-17007HX.

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

EN 60079-0:2012/A11:2013 **EN 60079-15:2010**

(10) If the sign "X" is placed after the certificate number, it indicates that the product or protective system is subject to special conditions for safe use specified in the schedule to this certificate.

(11) This Type Examination Certificate relates only to the design, examination and tests of the specified equipment in accordance to the Directive 2014 / 34 / EU. 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 equipment protective system must include the following:

 **II 3 G Ex nA IIC T4 Gc**

Hans Turck GmbH & Co. KG



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Mülheim an der Ruhr, Date 21.02.2018

(i.A. W. Dick)
Certification Representative

Translation:

(13) **Appendix**

(14) **Statement of Conformity TURCK Ex-17007HX**

(15) Product description

The current repeater is used for galvanic isolation of the current measuring circuits.

Ambient temperature range: -25°C ... +70°C

Electrical Data

Supply circuit: U= 10 ... 30 V d. c.

Input circuits: U= 24 V (max. 30 V) d. c., 4-20 mA

(16) Report Number:

Zone2_A0_D_PB_~_Turck Ex-17007HX

(17) Special conditions for safe use:

- According to EN/IEC 60079-7, section 4.10.1, the following is valid for this apparatus: The apparatus has to be mounted in a housing tested according to IEC 60079-0, that meets the requirements of degree of protection IP54.
The apparatus may be installed in an area of not more than pollution degree 2.
- The connecting and disconnecting of energized circuits is only permitted, if no explosion hazardous atmosphere is available.

(18) Essential health and safety requirements:

- no additional ones