

Translation:

(1) **Type Examination Certificate**

(2) Equipment or Protective systems intended for use in potentially explosive atmosphere **Directive 2014 / 34 / EU and SI 2016/1107**

(3) **Number:** **TURCK Ex-07001M X** **issue No.: 6**

(4) Product: Proximity switch types:
BIM-UNT-A(R)P6X(-...)(-...)/(S...)/3GD (...M)

(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-07001M X.


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

EN IEC 60079-0:2018 EN IEC 60079-7:2015/A1:2018 EN 60079-31:2014

(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 and to UK SI 2016/1107. 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 ec IIC T4 Gc**
II 3 D Ex tc IIIC T110°C Dc

Hans Turck GmbH & Co. KG



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Mülheim an der Ruhr, Date 2022-03-02

(i.A. W. Dick)
Certification Representative

Translation:

(13) **Appendix**

(14) **Statement of Conformity TURCK Ex-07001M X**

(15) Product description

Ambient temperature range: -25°C ... +55°C

Electrical Data

Nominal voltage: 10...30V d.c.

Nominal current: < 100mA

(16) Report Number:

Zone2+22_A6_D_NGW_~_Turck Ex-07001MX

Zone2+22_A4_D_PB_~_Turck Ex-07001MX

Zone2+22_A2_D_NGW_~_Turck Ex-07001MX

Zone2+22_A1_D_NGW_~_Turck Ex-07001MX

PB..Turck Ex-03038H X

PB..Turck Ex-07001M X

(17) Special conditions for safe use:

- The device must be supplied from power supply units with secure separation according to IEC 60 364 which ensure that the rated voltage of the equipment is not exceeded by more than 40% by transient disturbances.
- Plug-in devices or connection cables may only be connected or disconnected in a de-energized state.
- Fix a warning in the near of connector permanently in suitable form with following text: DO NOT SEPARATE WHEN ENERGIZED.
- The device connectors have to be secured against accidentally disconnecting; use the included safety clip SC-M12(8)/3GD.
- The IP protection degree of the connectors is given only in conjunction with matching O-rings.
- Protect the device against any mechanical damage.
- The device shall be protected against ultraviolet radiation.

(18) Essential health and safety requirements:

- no additional ones

Wir/ We: **HANS TURCK GMBH & CO KG**
WITZLEBENSTR. 7, 45472 MÜLHEIM A.D. RUHR

erklären in alleiniger Verantwortung, dass die Produkte
declare under our sole responsibility that the products

Näherungssensoren: **BIM-UNT-A(R)P6X(-...)(-...)/(S...)/3GD (...M)**
Proximity Sensors:

auf die sich die Erklärung bezieht, den Anforderungen der folgenden EU-Richtlinien durch Einhaltung der
folgenden Normen genügen:
to which this declaration relates are in conformity with the requirements of the following EU-directives by compliance with the following standards:

EMV - Richtlinie /EMC Directive EN IEC 60947-5-2:2020	2014 / 30 / EU	26.02.2014
ATEX - Richtlinie /Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres EN IEC 60079-0:2018 EN IEC 60079-7:2015+A1:2018 EN 60079-31:2014	2014 / 34 / EU	26.02.2014
RoHS – Richtlinie /RoHS Directive EN IEC 63000:2018	2011 / 65 / EU	08.06.2011

Weitere Normen, Bemerkungen:
additional standards, remarks:

Zusätzliche Informationen:
Supplementary information:


Angewandtes ATEX-Konformitätsbewertungsverfahren: **Modul A /module A**
ATEX - conformity assessment procedure applied:

Baumusterprüfbescheinigung: **TURCK Ex-07001M X**
examination certificate:

ausgestellt: **Hersteller/ Manufacturer:**
issued by: **Hans Turck GmbH & Co. KG**

Mülheim a. d. Ruhr, den 07.03.2022

Ort und Datum der Ausstellung /
Place and date of issue


i.V. Dr. M. Linde, Bereichsleiter Zulassungen /Head of Approvals
Name, Funktion und Unterschrift des Befugten /
Name, function and signature of authorized person