

**Translation
ATEX Type Examination Certificate****- Directive 94/ 9/ EG -****Equipment or Protective systems intended for use
in potentially explosive atmosphere****Number:** TURCK Ex-13002H X**Equipment:** Junction Box
JRBS-40...-.../Ex**Manufacturer:** Hans Turck GmbH & Co KG**Address:** Witzlebenstr. 7 D- 45472 Mülheim an der Ruhr

This equipment and any acceptable variation thereto is specified in the schedule to this certificate.

The company Hans Turck GmbH & Co. KG certifies that this equipment has been found to comply with the Essential Health and Safety Requirements of the Directive 94/ 9/ EC assured by compliance with:

EN 60079-0:2012 EN 60079-11 :2012 EN 60079-15:2010

The examination and test results are recorded in a test report with the number 13002H_3G.

The marking of the equipment shall include the following:


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

alternative:

 **II 3 G Ex nAc IIC T4** **II 3 G Ex ic IIC T4****-25°C ≤ T_a ≤ +70°C**

Hans Turck GmbH & Co. KG

HANS TURCK GmbH & Co KG
Witzlebenstr. 7, ☎ (02 08) 49 52-0
45472 Mülheim an der Ruhr
Mülheim an der Ruhr, date 2013-04-23


(i.A. Dr. M. Linde)
Representative

Schedule to Type Examination Certificate No. TURCK Ex-13002H X

Description of the devices:

- The Junction Box, type JRBS-40.../Ex is used for the distribution of power and data for fieldbus systems in hazardous areas. The voltage supply is carried out by supply units with intrinsically safe circuits or by FISCO supply units according EN60079-11, or by appropriate standard supply units.
- The junction box is installed outside or inside hazardous areas requiring category 3G equipment.

Permissible range of ambient temperature: -25°C ... +70°C

Electrical data:

Type JRBS-40SC-.../Ex and JRBS-40-.../Ex:

Entity System:

Supply:	standard supply units Maximum operating values: U = 32V; I = 3A
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Output circuits:	type of protection Ex nA IIC
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FISCO System:

Supply:	FISCO ic supply unit according EN 60079-11
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Output circuits:	type of protection Ex ic IIC for connection of FISCO field devices
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The fieldbus circuit and the output circuits of the field devices are electrically interconnected.

An internal (bus) terminator can be connected to the system using a slide switch.

Internal Test Report.: 13002H_3G

Special conditions for safe use:

- a) The supply voltage shall be fused by means of max. 3A-fuse connected in series.
- b) Plug connectors resp. connecting cables which are not assigned to intrinsically safe circuits shall only be disconnected in a de-energized state.
- c) The switches for the terminator and connection to earth shall be only disconnected in a de-energized state.
- d) For the application in zone 2 the apparatus shall be installed in a case which meets the requirements of EN 60079-15.

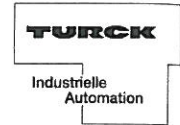
- e) For the application in zone 2 and zone 22 the output circuits shall be connected only to equipment which meets the requirements of the category 3 G or 3D, respectively, as a minimum and which is certified correspondingly.
- f) The special conditions and all specifications which are essential for the mounting and safe operation shall be included in the operating instructions.

Essential health and safety requirements:

- Met by the compliance with the standards mentioned above

Konformitätserklärung Nr. 4135M

Declaration of Conformity



Diese Konformitätserklärung entspricht der Europäischen Norm EN ISO/IEC 17050-1:2010 "Allgemeine Kriterien für Konformitätserklärungen von Anbietern".

This "Declaration of Conformity" complies with the European Standard EN ISO/IEC 17050-1:2010 "General criteria for a supplier's declaration of conformity".

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

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

Junction Box Typ JRBS-40..-.../Ex

auf die sich die Erklärung bezieht, mit den folgenden Normen übereinstimmen
to which this declaration relates are in conformity with the following standards

EN 61326-1:2006

bei ATEX Richtlinie
in case of ATEX Directive

EN 60079-0:2012

EN 60079-11:2012

EN 60079-15:2010

Gemäß den Bestimmungen der Richtlinie (falls zutreffend)
Following the provisions of Directive (if applicable)

EMV – Richtlinie	/ EMC Directive	2004 / 108 / EG	15. Dez.2004
Richtlinie ATEX 100a	/ Directive ATEX 100a	94 / 9 / EG	23. März 1994

Weitere Normen, Bemerkungen
additional standards, remarks

Das Produkt stimmt mit den Anforderungen der Richtlinie 94/9/EG überein. Eine oder mehrere in der zugehörigen EG-Baumusterprüfbescheinigung PTB 05 ATEX 2002 genannten Normen wurden bereits durch neue Ausgaben ersetzt. Der Hersteller erklärt für das Produkt auch die Übereinstimmung mit den neuen Normenausgaben, da die veränderten Anforderungen der neuen Normenausgaben für dieses Produkt nicht relevant sind.

The product complies with the directive 94/9/EG. One or more standards mentioned in the respective EC type examination certificate PTB 05 ATEX 2002 were already replaced by new ones. The manufacturer declares that the product complies with the new valid standards, as the changed requirements mentioned there are not relevant for the product.

Aussteller der ATEX Prüfbescheinigung:


Physikalisch - Technische Bundesanstalt
Bundesallee 100, D-38116 Braunschweig
Kenn-Nr. 0102, Registriernummer: PTB 05 ATEX 2002

Kennzeichnung:  II 2 G
 II 2(1) G

Hans Turck GmbH & Co. KG
Witzlebenstraße 7, 45472 Mülheim an der Ruhr
Registriernummer: **TURCK Ex-13002H X**

Kennzeichnung  II 3 G

Mülheim, den 23.04.2013


(i.V. W. Bibernell)

Ort und Datum der Ausstellung /
Place and date of issue

Name und Unterschrift des Befugten /
Name and signature of authorized person