IECEx Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION
IEC Certification Scheme for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.: IECEx EPS 19.0012 Issue No: 0 Certificate history: Issue No. 0 (2019-07-10)

Status: **Current**

Date of Issue: **2019-07-10**

Applicant: **Schischek GmbH**
Mühlsteig 45
90579 Langenzenn
Germany

Equipment: **Explosion protected thermal release, type ExPro-TT-..**

Optional accessory:

Type of Protection: **ia, tb**

Marking:

Ex ia IIC T6 Gb

Ex tb IIIC T80°C Db

Approved for issue on behalf of the IECEx Certification Body: Holger Schaffer

Position: Certification Manager

Signature:
(for printed version)

Date: 2019-07-10

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting the Official IECEx Website.

Certificate issued by:

Bureau Veritas Consumer Products Services Germany GmbH
Businesspark A96
86842 Türkheim
Germany

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Manufacturer:	**Schischek GmbH** Mühlsteig 45 90579 Langenzenn **Germany**	

Additional Manufacturing location(s):

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended.

STANDARDS:

The apparatus and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards:

IEC 60079-0 : 2017 Edition:7.0	Explosive atmospheres - Part 0: Equipment - General requirements
IEC 60079-11 : 2011 Edition:6.0	Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
IEC 60079-31 : 2013 Edition:2	Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"

*This Certificate **does not** indicate compliance with electrical safety and performance requirements other than those expressly included in the Standards listed above.*

TEST & ASSESSMENT REPORTS:

A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in

Test Report:

DE/EPS/ExTR19.0010/00

Quality Assessment Report:

DE/BVS/QAR07.0009/12

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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

The explosion protected thermal release, type ExPro-TT-.. is used for the control of limit temperature ranges and for signal transmission.

The equipment may be installed inside of hazardous locations.

For further information see schedule.

SPECIFIC CONDITIONS OF USE: NO

Annex:

IECEx EPS 19.0012 - Annex.pdf

Temperature class	Maximum permissible ambient / medium temperature range
T6	-40 °C ... 72 °C

Electrical data:

Power supply (Terminals 1, 2) circuit ..... in type of protection Intrinsic Safety Ex ia IIC or Ex ia IIIC for connection to certified intrinsically safe

Maximum values:
U_i = 30 V
I_i = 25 mA
P_i = 60 mW
L_i negligible small
C_i negligible small

Lo = 50 mH
Co = 66 nF