

EU - Type Examination Certificate

(1)

(2) Equipment and protective systems intended for use in potentially explosive atmospheres – Directive 2014/34/EU

(3) EU - Type Examination Certificate Number

EPS 19 ATEX 1 020

Revision 0

(4) Equipment: Explosion protected thermal release, type ExPro-TT-..

(5) Manufacturer: Schischek GmbH

(6) Address: Mühlsteig 45, 90579 Langenzenn, Germany

(7) This equipment and any acceptable variation thereto are specified in the annex to this certificate and the documentation therein referred to.

(8) Bureau Veritas Consumer Products Services Germany GmbH, notified body No. 2004 in accordance with Article 21 given in the Directive 2014/34/EU of the European Parliament and of the Council of 26 February 2014, certifies that this equipment 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 of the Directive. The examination and test results are recorded in the confidential documentation under the reference number 18TH0565.

(9) Compliance with the essential health and safety requirements has been assured by compliance with:

EN 60079-0:2018

EN 60079-11:2012

EN 60079-31:2014

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

(11) This EU - Type Examination Certificate relates only to the design and examination of the specified equipment in accordance with Directive 2014/34/EU. Further requirements of this Directive apply to the manufacture of this equipment and its placing on the market. Those requirements are not covered by this certificate.

(12) The marking of the equipment shall include the following:



II 2G Ex ia IIC T6 Gb

II 2D Ex tb IIIC T80°C Db



Certification department of explosion protection

H. Schaffer



Hamburg, 2019-07-10

(13)

Annex

(14) EU - Type Examination Certificate EPS 19 ATEX 1 020

Revision 0

(15) Description of equipment:

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 in hazardous locations.

For further information see schedule.

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

Electrical data:

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

Maximum values:

U_i = 30 V

I_i = 25 mA

P_i = 60 mW

L_i negligible small

C_i negligible small

L_o = 50 mH

C_o = 66 nF

(16) Reference number: 18TH0565

(17) Special conditions for safe use:

None

(18) Essential health and safety requirements:

Met by compliance with standards.



Certification department of explosion protection

Hamburg, 2019-07-10