



(1) **Supplementary Type Examination Certificate No. 1**

(2) **Equipment or Protective Systems Intended for Use
in Potentially Explosive Atmospheres
(Directive 2014/34/EU)**

(3) Type Examination Examination Certificate number:

FTZÚ 16 ATEX 0145X

(4) Product: **Temperature Sensor TR141Ex series**

(5) Manufacturer: **SENSIT s.r.o.**

(6) Address: **Školní 2610, 756 01 Rožnov pod Radhoštěm, Czech Republic**

(7) This supplementary certificate extends Type Examination Certificate No. FTZÚ 16 ATEX 0145X to apply to products designed and constructed in accordance with the specification set out in the Schedule of the said certificate but having any variations specified in the Schedule attached to this certificate and the documents therein referred to.

(8) The Physical-Technical Testing Institute certifies that this product, as modified by this supplementary certificate, has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Annex II to the Directive 2014/34/EU of the European Parliament and of the Council, dated 26.02.2014.

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

EN IEC 60079-0:2018, EN 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 is subject to Specific Conditions of Use specified in the schedule to this certificate.

(11) The marking of the product shall include the following:



**II 3G
II 3D**

Ex ec IIC T6...T2 Gc

Ex tc IIIC T60°C...T230°C Dc

(12) This certificate is valid till: **31.07.2027**

Responsible person:

v z Jgm

Dipl. Ing. Lukáš Martinák
Head of Certification Body



Date of issue: 29.07.2022

Page: 1/2

This certificate is granted subject to the general conditions of the FTZÚ, s.p.
This certificate may only be reproduced in its entirety and without any change, schedule included.

Physical-Technical Testing Institute, s.p., Pikartská 1337/7, 716 07 Ostrava - Radvanice, The Czech Republic,
tel.: +420 595 223 111, +420 604 203 525, ftzu@ftzu.cz, www.ftzu.cz



**Physical-Technical Testing Institute
Ostrava - Radvanice**

Schedule

(13)

(14) **Supplementary Type Examination Certificate No. 1
to FTZÚ 16 ATEX 0145X**

(15) Description of the variation to the Product:

The subject of this supplementary certificate is:

- Evaluation according to the newest standard EN IEC 60079-0:2018.
- Extension of certificate validity.

Design and electrical parameters are unchanged.

Temperature Sensor TR141Ex series is verified according to the newest standard EC IEC 60079-0:2018.
The validity of certificate was extended for next five years.

(16) Report Number: 16/0145/1

(17) Specific Conditions of Use:

None additional to those listed previously.

(18) Essential Health and Safety Requirements:

Compliance with the Essential Health and Safety Requirements is covered by standards mentioned in clause (10) of this supplementary certificate.

(19) Drawings and Documents:

Number	Version	Sheets	Date	Description
TR141Ex.T01	F	6	13.06.2022	Technical parameters
3153.7	-	4	06/2022	User manual
3183.3	-	4	06/2022	User manual
3210.2	-	4	06/2022	User manual
3244.2	-	4	06/2022	User manual

Responsible person:

v z. Jga

Dipl. Ing. Lukáš Martinák
Head of Certification Body



Date of issue: 29.07.2022

Page: 2/2

This certificate is granted subject to the general conditions of the FTZÚ, s.p.
This certificate may only be reproduced in its entirety and without any change, schedule included.

Physical-Technical Testing Institute, s.p., Pikartská 1337/7, 716 07 Ostrava - Radvanice, The Czech Republic,
tel.: +420 595 223 111, +420 604 203 525, ftzu@ftzu.cz, www.ftzu.cz