

Number: 99/2020

Product: Digital temperature transmitter
Type: EDT 101

Manufacturer: ELGAS, s.r.o.
Semtínská 211
Ohrazenice
533 53 Pardubice
Czech Republic

This declaration of conformity is issued under the sole responsibility of the manufacturer.

Description of Product:

Digital temperature transmitter EDT 101 is designed to converting temperature signal to the electric signal. The product is equipped by sensor Pt 1000, placed into steel shank. The electronics is placed in one PCB, housed in plastic case. Connection of external apparatuses is realized by fixed cable with wires ended by sleeves (version C) or with connector (version E,F).

The object of the declaration described above is in conformity with the relevant Union harmonisation legislation:

1. European Parliament and Council Directive 2014/34/EU (ATEX):

Notified body no. 1026 (AO 210) - Physical-Technical Testing Institute s.p. (FTZÚ), Pikartská 7, 716 07, Ostrava-Radvanice, Czech Republic issued EU type examination certificate no.: FTZÚ 17 ATEX 0142X of 26.10.2018. Valid until: 31.10.2023.

Used standards: EN IEC 60079-0:2012+A11:2013, EN 60079-11:2012.

Type of protection:  **1G Ex ia IIC T4 Ga**

Notified body No. 1026 - Physical-Technical Testing Institute s.p. (FTZÚ), Pikartská 7, 716 07, Ostrava-Radvanice, Czech Republic issued on 01.04.2020 „Quality assurance notification“ No. FTZÚ 02 ATEX Q010 7th edition according to the Directive 2014/34/EU Annexes IV and VII. Validity till: 31.03.2023.

2. European Parliament and Council Directive 2014/30/EU (EMC):

Company Vojenský technický ústav, s.p., odštěpný závod VTÚPV, Úsek zkoušení techniky, Víta Nejedlého 691, 682 01 Vyškov, Czech Republic issued 20.02.2018 test protocols no. 194300-064/2018. Used standards: EN 61000-4-2 ed. 2:2009, EN 61000-4-3 ed. 3:2006/A1:2008/Z1:2010/ A2:2011, EN 61000-4-4 ed. 3:2013, EN 61000-4-5 ed. 3:2015, EN 61000-4-6 ed. 4:2014, EN 61000-4-8 ed. 2:2010.

3. Directive IECEx - IEC 60079-0:2017 ed.7.0 a IEC 60079-11:2011 ed.6.0

Physical-Technical Testing Institute s.p. (FTZÚ), Pikartská 7, 716 07, Ostrava-Radvanice, Czech Republic issued EU type examination certificate for this type of product: IECEx FTZU 18.0022X (date of issue 13.08.2019).

Type of protection: **Intrinsic safety**

Marking: **Ex ia IIC T4 Ga**

Technical documentation of the products EDT 101 is stored at ELGAS, s.r.o., Semtínská 211, 533 53 Pardubice, Czech Republic.

Signed for and on behalf of ELGAS, s.r.o.:
Pardubice, June 23th, 2020



Jan Kovář
Quality manager