

Number: 12/2019

**Product:** Digital pressure transmitter  
**Type:** EDT-23

**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 and determination of product function:

The pressure transmitter is designed to convert pressure of gas or liquid into an electrical signal. The equipment comprises a piezoresistive sensor, a sensor board and a microprocessor board all housed in a stainless steel enclosure. External circuit connections are made by a DIN 43650A connector or by a permanently connected cable.


Degree of protection: IP 65 DIN connector version or IP 67 permanently connected cable version.

**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 01 ATEX 0083 followed by Supplement no. 6 of 29.09.2016. Valid until: 30.09.2021.

Used standards: EN 60079-0:2012; EN 60079-11:2012.

**Type of protection:**  **II 2G Ex ia IIC T4 Gb**

Notified body No. 1026 - Physical-Technical Testing Institute s.p. (FTZÚ), Pikartská 7, 716 07, Ostrava-Radvanice, Czech Republic issued on 03.04.2017 „Quality assurance notification“ No. FTZÚ 02 ATEX Q010 6<sup>th</sup> edition according to the Directive 2014/34/EU Annexes IV and VII.

Validity till: 31.03.2020.

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

Company VOP-026 Šternberk, s.p., office VTÚPV Vyškov, V. Nejedlého 691, 682 03 Vyškov, Czech Republic issued test protocols no. 6440-436/2007 and 6440-447/2007. Used standards: EN 61000-6-3:2001+ A11, clause 9; EN 61000-6-2:2005.

**3. Directive IECEx - IEC 60079-0:2007-10 ed.5 a IEC 60079-11:2011-6 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 12.0022 (date of issue 21.11.2012).

Type of protection: **Intrinsic safety**

Marking: **Ex ia IIC T4 Gb**

Technical documentation of the products EDT-23 is stored at ELGAS, s.r.o., Semtínská 211, Ohrazenice, 533 53 Pardubice, Czech Republic.

Signed for and on behalf of ELGAS, s.r.o.:  
Pardubice, January 18<sup>th</sup>, 2019



Jaroslav Holeček  
Quality manager