

Number: 80/2018

**Product:** Gas Volume Conversion Device  
**Type:** maxiELCOR  
**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.

Object of the declaration: gas volume conversion device maxiELCOR and all its variants

**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 09 ATEX 290X followed by Supplement no. 10 of 27.10.2017. Valid until: 31.08.2021.

Used standards: EN 60079-0/A11:2013; EN 60079-11:2012

**Type of protection based on device configuration:**

⊕ Ex	II 2G Ex ia IIA T3 Gb	maxiELCOR var.A, B1	ZONE 1
⊕ Ex	II 2G Ex ia IIC T4/T3 Gb	maxiELCOR var.C1	ZONE 1
⊕ Ex	II 1G Ex ia IIA T3 Ga	maxiELCOR GSM, maxiELCOR GSM EXT1, maxiELCOR GSM EXT2, maxiELCOR GSM HF	ZONE 0
⊕ Ex	II 1G Ex ia IIC T3/T4 Ga	maxiELCOR EXT1, maxiELCOR EXT2	ZONE 0
⊕ Ex	II 2G Ex ib IIA T3 Gb	maxiELCOR GSM SCR1, maxiELCOR GSM SCR2	ZONE 1

Devices maxiELCOR GSM2, maxiELCOR GSM2 EXT1, maxiELCOR GSM2 EXT2 and maxiELCOR GSM2 HF are, based on their construction:

⊕ Ex	II 1G Ex ia IIA T3 Ga	powered via battery pack LP-06M	ZONE 0
⊕ Ex	II 2G Ex ib IIA T3 Gb	powered via external power supply JBZ-04	ZONE 1

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 assur-

ance 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 2014/32/EU (MID):

Notified body no.1383 – Czech metrological institute, Okružní 31, 638 00 Brno, Czech Republic issued 29.01.2007 EU type examination certificate no. TCM 143/10 – 4722 with Addition no. 2 of 15.12.2011. Valid until: 23.03.2020.

Used standards: EN 12405-1+A2:2010.

## 3. European Parliament and Council Directive 2014/53/EU (RED):

Company VOP-026 Šternberk, s.p., office VTÚPV Vyškov, V. Nejedlého 691, 682 03 Vyškov, Czech Republic issued test protocols no. 6450-008/2010, 6440-456/2009, 6440-457/2009, 6440-399/2010.

Used standards: EN 60950-1/A2:2013, EN 61000-4-2:2009; EN 61000-4-3:2006, EN 61000-4-4:2012; EN 61000-4-6:2014, EN 55011:2016.

**Communication module:** Module importer - company TENcom Trade spol. s r.o., Prokopa Velikého 1360, 250 82 Úvaly, Czech republic issued on 10.01.2010 Declaration of conformity no. TEN-01ENF-GSM04XX for GSM/GPRS module ENABLER-GIII, manufacturer ENFORA Inc., Plano TX, USA. Used frequencies: 850/900/1800/1900 MHz.

- Electrical safety: EN 60950-1:2003
- EMC: ETSI EN 301 489-1 V1.2.1; ETSI EN 301 489-7 V1.1.1
- Radio parameters: ETSI EN 301 511 V7.0.1, 3GPP TS 51.010-1 V5.1.0

Technical documentation of the product maxiELCOR is stored at ELGAS, s.r.o., Semtínská 211, Ohrazenice, 533 53 Pardubice, Czech Republic.

Technical documentation of the GSM module is stored at TENcom Trade společnost s r.o., Prokopa Velikého 1360, 250 82 Úvaly, Czech Republic.

## Special conditions for safe use:

1. Under certain extreme circumstances the plastic enclosure may store an ignition-capable level of electrostatic charge. Therefore the device shall not be installed in a location where the external conditions are conducive to the build-up of electrostatic charge. The equipment shall only be cleaned with a damp cloth
2. Permissible battery types: Saft LS33600, Saft LS14250, Saft M20 EX SV 3V.

Signed for and on behalf of ELGAS, s.r.o.:  
Pardubice, December 4<sup>th</sup>, 2018



Jaroslav Holeček  
Quality manager