

Number: 81/2018

**Product:** Electronic data logger  
**Type:** maxiDATCOM

**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: electronic data logger maxiDATCOM 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 0290X 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 1G Ex ia IIA T3 Ga maxiDATCOM GSM, maxiDATCOM GSM EXT1 ZONE 0  
maxiDATCOM GSM EXT2, maxiDATCOM GSM HF

⊕ Ex II 1G Ex ia IIC T4/T3 Ga maxiDATCOM EXT1, maxiDATCOM EXT2 ZONE 0

⊕ Ex II 1G Ex ia IIA T3 Ga maxiDATCOM GSM EXT2 ZONE 0

Devices maxiDATCOM GSM2, maxiDATCOM GSM2 EXT1, maxiDATCOM GSM2 EXT2 and maxiDATCOM GSM2 HF are, based on their configuration:

⊕ 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

Devices maxiDATCOM LTE are, based on their configuration:

⊕ Ex II 1G Ex ia IIA T3 Ga powered via battery pack LP-06H ZONE 0

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 2014/53/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

**Communication module LTE:** Module manufacturer, company Gemalto M2M GmbH., Werinherstraße 81, 81541 München, Germany issued on 12.12.2017 EU declaration of conformity with European directive 2014/53/EU (RED) for module CINTERION, model ELS61-E R2. Conformity assessment procedure to directive 2014/53/EU done by Notified body No. 1588 – American Certification Body, Inc. (ACB), Suite CI 1 0, McLean, VA 221 01, USA. EU Type Examination Certificate: ATCB022025.

Used standards:

- Health and Safety of the User: EN 60950-1:2006 + A11:2009 + A1:2010 + A12:2011 + A2:2013
- EMC: ETSI EN 301 489-1 V2.2.0; ETSI EN 301 489-52 V1.1.0 draft
- Radio parameters: EN 301 511 V12.5.1, EN 301 908-1V11.1V1, EN 301 908-2 V11.1.2, EN 301 908-13 V11.1.2

Technical documentation of the product maxiDATCOM 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.

Technical documentation of the module LTE, CINTERION, model ELS61-E R2 is stored at Gemalto M2M GmbH, Portfolio Development, Siemensdamm 50, 13629 Berlin, Germany.

### 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. Use only with approved battery cells: Saft LS 33600, Saft LS 14250, 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