



Physical-Technical Testing Institute
Ostrava - Radvanice



(1) **Supplementary EU - Type Examination Certificate No.11**

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

(3) EU - Type Examination Certificate number:

FTZÚ 07 ATEX 0066X

(4) Product: **GasGard XL Wall Mount Controller**

(5) Manufacturer: **MSA Europe GmbH**

(6) Address: **Schlüsselstr.12, 8645 Rapperswil-Jona, Switzerland**

(7) This supplementary certificate extends EC - Type Examination Certificate No. FTZÚ 07 ATEX 0066X 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, Notified Body number 1026, in accordance with Articles 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26.02.2014, 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.

(9) In accordance with Article 41 of Directive 2014/34/EU, EC-Type Examination Certificates referring to 94/9/EC that were in existence prior to the date of application of 2014/34/EU (20.04.2016) may be referenced as if they were issued in accordance with Directive 2014/34/EU. Supplementary Certificates to such EC-Type Examination Certificates, and new issues of such certificates, may continue to bear the original certificate number issued prior to 20.04.2016.

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

EN 60079-29-1:2016, EN 50271:2018, EN 50104:2019

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:

Ex II (1)G (2)G

(12) This certificate is valid till: **31.08.2027**

Responsible person:

V. Z. J. 907

Dipl. Ing. Lukáš Martinák
Head of Certification Body



Date of issue: 30.08.2022

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

(13)

Schedule

(14)

**Supplementary EU - Type Examination Certificate No. 11
to FTZÚ 07 ATEX 0066X**

(15) Description of the variation to the Product:

The subject of this supplementary certificate is:

- Assessment according to the newest standards.
- Extension of certificate validity.

This supplementary certificate confirms that the product was assessed according to the standard EN 50104:2019 for power up option with internal backup battery. The product assessment in scope of the standards EN 60079-29-1:2016, EN 50271:2018 remain unchanged. The product assessment in scope of the standard EN 50402 for safety related applications was not applied. The certificate validity has been extended for next five years.

Recapitulation of basic parameters: Un = 100 - 255 V AC, 50/60 Hz, Pn = 100 W, IP56

Recapitulation of firmware versions:

Latest firmware versions:		
Channel relay board	CRB	01.03.01
Main board	MBO	02.01.00
Display board	DBO	01.05.00
Channel board active	CBA	01.05.04
Channel board passive	CBV	01.04.01

(16) Report Number: 07/0066/11

(17) Specific Conditions of Use:

1. The EMC assessment according to standard EN 50270:2015 is on manufacturer's responsibility.
2. Ambient temperature: $-10^{\circ}\text{C} \leq T_{\text{amb}} \leq +50^{\circ}\text{C}$
3. The product is classified as II (1)G in connection with intrinsic safety equipment being fed via certified Zener barriers or Galvanic isolators. In any other case II (2)G classification must be assumed.

(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: only updated

Number	Issue	Sheets	Date	Description
10081908	09	88	2022	Operating Manual
DG0751720	04	1	17.08.2022	Label GasGard XL

Responsible person:

v z. Jgo

Dipl. Ing. Lukáš Martinák
Head of Certification Body

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