

EU-Type Examination Certificate

Directive 2014/34/EU of the European Parliament and of the Council of 26 February 2014

EU-Type Examination Certificate Number: **BVS 15 ATEX E 131** Issue: **01**

Equipment: **Infrared remote controller type IR-Control**

Manufacturer: **MSA (China) Safety Equipment Co., Ltd.**

Address: **No. 8 Rui En Lane, Xingpu Road, Suzhou Industrial Park, Jiangsu, China**

This product and any acceptable variations thereto are specified in the appendix to this certificate and the documents referred to therein.

DEKRA Testing and Certification GmbH, Notified Body number 0158, in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this product 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.

The examination and test results are recorded in the confidential Report No. BVS PP 15.2224 EU.

This issue of the EU-Type Examination Certificate replaces the previous issue of the EC-Type Examination Certificate BVS 15 ATEX E 131.

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

EN IEC 60079-0:2018 **General requirements**
EN 60079-11:2012 **Intrinsic Safety "i"**

If the sign "X" is placed after the certificate number, it indicates that the product is subject to the "Specific Conditions of Use" listed under item 17 of this certificate.

This EU-Type Examination Certificate relates only to the technical design of the specified product in accordance with the Directive 2014/34/EU. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.

The marking of the product shall include the following:

II 1G Ex ia IIC T4 Ga
II 2D Ex ia IIIB T135°C Db
I M1 Ex ia I Ma

DEKRA Testing and Certification GmbH
Bochum, 2024-10-07



Managing Director

13 **Appendix**

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15 **Product description**

15.1 **Subject and type**

Infrared remote controller type IR-Control

15.2 **Description**

With this issue the certificate is changed to Directive 2014/34/EU.
(Annotation: 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 April 2016) may be referenced as if they were issued in accordance with Directive 2014/34/EU. New issues of such EC-Type Examination Certificates, may continue to bear the original certificate number issued prior to 20 April 2016.)

Reason for this issue:

Change to Directive 2014/34/EU

The infrared remote controller type IR-Control was tested in accordance to the standards listed on page 1.

The electronics was slightly modified.

Description of equipment:

The infrared remote controller type IR-Control is used for instrument communication in hazardous areas group I (Category M1) and group II (Category 1G) for gas and dust application (IIIB, Category 2D).

The infrared remote controller type IR-Control consists of a plastic housing which includes the electronic PCB with four push buttons and a coin cell for power supply. The coin cell has to be changed only outside of the hazardous area.

15.3 **Parameters**

Battery supply (1 coin cell)

Nominal voltage

3 V

The approved coin cell type is listed in the manufacturer instructions of MSA (China) Safety Equipment Co., Ltd.

Ambient temperature range

$-30\text{ }^{\circ}\text{C} \leq T_a \leq +60\text{ }^{\circ}\text{C}$

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17 **Specific Conditions of Use**

None

18 **Essential Health and Safety Requirements**

Met by compliance with the requirements mentioned in item 9.

19 **Remarks and additional information**

Drawings and documents are listed in the confidential report.