

# 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 25 ATEX E 004 X** Issue: **00**

Equipment: **Remote Speaker Microphone type PMMN4164A**

Manufacturer: **Motorola Solutions Systems Polska Sp.z.o.o.**

Address: **Ul. Czerwone Maki 82, 30-392 Krakow, Polen**

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 25.2014 EU.

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

**EN IEC 60079-0:2018**                      **General requirements**  
**EN IEC 60079-11:2023**                **Intrinsic Safety "i"**

Where additional criteria beyond those given here have been used, they are listed at item 18 in the Schedule.


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:

**I M2 Ex ib I Mb**  
 **II 2G Ex ib IIC T4 Gb**  
**II 2D Ex ib IIC T130°C Db**

DEKRA Testing and Certification GmbH  
 Bochum, 2025-02-27

  
 — Managing Director

13 **Appendix**

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15 **Product description**

15.1 **Subject and type**

Remote Speaker Microphone type PMMN4164A

15.2 **Description**

The Remote Speaker Microphone types PMMN4164A is an audio accessory for connection to the Motorola ATEX certified radio R7Ex (BVS 25 ATEX E 001 X).

**Model number                      Description**

PMMN4164A                      RM750Ex ATEX Remote Speaker Microphone

The Remote Speaker Microphones are connected to the radios with the Motorola proprietary GCAI connector.

The Remote Speaker Microphones can only be connected or disconnected outside the potentially hazardous environment.

PMLN8121 is a replacement part accessory for the swivel clip.

**Listing of all components used referring to older standards**

No components used

15.3 **Parameters**

1. Electrical data

Only for use with R7Ex radio BVS 25 ATEX E 001 X

2. Ambient temperature range

-30 °C ≤ Ta ≤ 60 °C

3. Ingress protection level RSM

IP 66/68 (acc. EN IEC 60079-0)

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17 **Specific Conditions of Use**

- 17.1 Connect and disconnect the Remote Speaker Microphones only outside the potentially hazardous area.
- 17.2 The RSM PMMN4164A is only protected to low risk of mechanical danger for Group I applications.
- 17.3 Ensure that the remote speaker microphone connector is tightly fastened to the radio accessory connector before entering the potentially hazardous area.
- 17.4 Do not leave the remote speaker microphone unattended in the potentially hazardous area. Use the remote speaker as intended on the hand or on the body.
- 17.5 Refer to safety instructions MN010338A01.

18 **Essential Health and Safety Requirements**

Met by compliance with the requirements mentioned in item 9.

For this device the used standard IEC 60079-11:2023 is safety-related equivalent to the harmonized standard EN 60079-11:2012. The only difference is the marking.

19 **Remarks and additional information**

Drawings and documents are listed in the confidential report.