



IECEX Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification System for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.: **IECEX EESF 24.0034X** Page 1 of 3 [Certificate history:](#)
Status: **Current** Issue No: 0
Date of Issue: 2025-02-07
Applicant: **Savox Communications Oy Ab**
Keilaranta 15 B
FI-02150 Espoo
Finland
Equipment: **HS700Ex/PMLN8628A or HS700Ex/PMLN8629A Hearing protector with speakers and microphone**
Optional accessory: N/A
Type of Protection: **Intrinsically Safe**
Marking: Ex ib IIC T4 Gb
Ex ib IIIC T130 °C Db
Ex ib I Mb

Approved for issue on behalf of the IECEx
Certification Body:

Karo Ovaska

Position:

Expert

Signature:
(for printed version)

Date:
(for printed version)

2025-02-07

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting www.iecex.com or use of this QR Code.



Certificate issued by:

Eurofins Electric & Electronics Finland Oy
Kivimiehentie 4
Espoo FI-02150
Finland





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Manufacturer: **Savox Communications Oy Ab**
Keilaranta 15 B
FI-02150 Espoo
Finland

Manufacturing locations: **Savox Communications Oy Ab**
Schaumanintie 26
FI-57230 Savonlinna
Finland

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEX Quality system requirements. This certificate is granted subject to the conditions as set out in IECEX Scheme Rules, IECEX 02 and Operational Documents as amended

STANDARDS :

The equipment and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards

[IEC 60079-0:2017](#) Explosive atmospheres - Part 0: Equipment - General requirements
Edition:7.0

[IEC 60079-11:2023](#) Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
Edition:7.0

This Certificate **does not** indicate compliance with safety and performance requirements other than those expressly included in the Standards listed above.

TEST & ASSESSMENT REPORTS:

A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in:

Test Report:

[FI/EESF/ExTR24.0040/00](#)

Quality Assessment Report:

[FI/EESF/QAR19.0004/04](#)



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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

The HS700Ex is hearing protector with cup-in speakers and microphone for radio communication. Hearing protector is over the ear type. There are two product variants, helmet mounted PMLN8629A and headband PMLN8628A version. For external radio or radio accessories there is four pole QR4/Nexus connector. The device is composed of two (2) printed circuit boards. Both PCB's provide mechanical attachment to Protector cup and speaker. Left side PCB is used for electrical signal routing. PCB's are located inside ear cups. There is external cable connecting left and right cup speakers.

The HS700Ex is radio phone headset unit intended to use with intrinsically safe PTT (Push-To-Talk) unit:

AD700Ex/PMLN8634A

The enclosure level of protection is IP65/IP67 in accordance with IEC 60529.

SPECIFIC CONDITIONS OF USE: YES as shown below:

1. Allowed ambient temperature range is Tamb -30 °C ... +60 °C.
2. Connect and disconnect the headset only outside the potentially hazardous area.