



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 BVS 08.0020	Page 1 of 5	<u>Certificate history:</u>
Status:	Current	Issue No: 3	Issue 2 (2014-12-09)
Date of Issue:	2021-09-20		Issue 1 (2014-02-11)
Applicant:	MSA EUROPE GmbH Schlüsselstr. 12 8645 Rapperswil-Jona Switzerland		Issue 0 (2008-06-12)
Equipment:	Personal alert safety system type motionSCOUT		
Optional accessory:			
Type of Protection:	Intrinsic Safety "i"		
Marking:	Ex ia IIC T3/T4 Ga Ex ia I Ma		

Approved for issue on behalf of the IECEx
Certification Body:

Dr Franz Eickhoff

Position:

Lead Auditor and officially recognised expert

Signature:
(for printed version)

Date:

2021-09-20

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:

DEKRA Testing and Certification GmbH
Certification Body
Dinnendahlstrasse 9
44809 Bochum
Germany

 **DEKRA**
On the safe side.



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Manufacturer: **MSA (China) Safety Equipment Co., Ltd.**
No. 8 Rui En Lane, Xingpu Road
Suzhou Industrial Park, Jiangsu
China

Additional
manufacturing
locations:

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 60079-11:2011 Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
Edition:6.0

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:

[DE/BVS/ExTR08.0026/03](#)

Quality Assessment Reports:

[DE/BVS/QAR06.0018/16](#)

[DE/BVS/QAR10.0012/08](#)



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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

General product information

The personal alert safety system type motionSCOUT is a portable apparatus carried by individuals. It serves the purpose of monitoring bodily movement and giving an acoustic as well as an optical alarm signal if it detects a long-time cessation of bodily movement.

The electronic circuit of the personal alert safety system is partially moulded into a plastic enclosure.

The personal alert safety system type motionSCOUT is supplied by two primary cells (AA) which may only be replaced outside an explosive area.

The personal alert safety system type motionSCOUT has to be carried on the body by the person working in a hazardous area.

In case of any damage the whole apparatus has to be removed from the hazardous area.

The apparatus must not be opened in hazardous areas.

Only use of the following batteries is permitted for hazardous areas: see ratings.

SPECIFIC CONDITIONS OF USE: NO



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Equipment (continued):

Ratings

- 1 Power supply battery: 2 primary cells (AA)

Nominal voltage 3 V

The temperature class of the alert system (T3 or T4) depends on the batteries used.

The battery types permitted as well as the relevant temperature class have been specified by MSA EUROPE GmbH in the instruction manual.

- 2 Temperature class and ambient temperature range depend on the used batteries:

	Temperature class	Ambient temperature range
Panasonic Evolta LR6 (AA)	T4	-20 °C ≤ T_a ≤ +50 °C
Varta 4706 Max Tech	T3	-20 °C ≤ T_a ≤ +50 °C



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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)

The personal alert safety system type motionSCOUT was tested in accordance to the standards listed above.

The applicant has changed to MSA EUROPE GmbH, Schlüsselstraße 12, 8645 Rapperswil-Jona, Switzerland.

The manufacturer has changed to MSA (China) Safety Equipment Co., Ltd., No. 8 Rui En Lane, Xingpu Road, Suzhou Industrial Park, Jiangsu, China.

The permitted battery types have been redefined.

The marking plate was modified.

The internal electronics was slightly modified.