

Translation

EU-Type Examination Certificate Supplement 1

Equipment intended for use in potentially explosive atmospheres
Directive 2014/34/EU

EU-Type Examination Certificate Number: **BVS 17 ATEX E 094**

Product: **Motion and pressure alarm device type SingleLine SCOUT**

Manufacturer: **MSA EUROPE GmbH**

Address: **Schlüsselstraße 12, 8645 Rapperswil-Jona, Switzerland**

This supplementary certificate extends EU-Type Examination Certificate No. BVS 17 ATEX E 094 to apply to products designed and constructed in accordance with the specification set out in the appendix of the said certificate but having any acceptable variations 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 17.2175 EU.

The Essential Health and Safety Requirements are assured in consideration of:

EN IEC 60079-0:2018
EN 60079-11:2012

General requirements
Intrinsic Safety "i"

If the sign "X" is placed after the certificate number, it indicates that the product is subject to the Special Conditions for Use specified in the appendix to this certificate.

This EU-Type Examination Certificate relates only to the design and construction of the specified product. 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**

DEKRA Testing and Certification GmbH
Bochum, 2019-11-06

Signed: Jörg-Timm Kilisch

Managing Director

13 **Appendix**

14 **EU-Type Examination Certificate**

BVS 17 ATEX E 094
Supplement 1

15 **Product description**

15.1 **Subject and type**

Motion and pressure alarm device type SingleLine SCOUT

15.2 **Description**

The equipment SingleLine SCOUT (SLS) is an integrated motion and pressure alarm device. Its manifold integrates pressure status indication for up to 300 bar cylinder pressure, motion alarm sensor, piezo based acoustic alarm speaker and an operating button. The SLS keeps track of all events while operation and automatically creates an incident log file using an EEPROM. NFC dual interface is used to read out log files and change of configuration. Integrated LED's are used to indicate pressure state and lighten the luminescent gauge. Additional buddy lights are activated in combination with the gauge lighting when the SLS activates one of his alarm procedures. The alarm procedures are started automatically in correlation to the different sensors or manually using the button on the device.

The SLS is powered by two AA-Lithium cells in series.

Reason for the supplement:

- Update from standard EN 60079-0: 2012+A11:2013 to EN IEC 60079-0:2018
- Modification of electronics; PCB layout, assembly and encapsulation

15.3 **Parameters**

Power supply:

2 Lithium / Iron Disulfide (Li/FeS₂) primary cells with a nominal voltage of 2 x 1.5 V

The approved battery types are listed in the manufacturer instructions of MSA EUROPE GmbH.

Ambient temperature range: $-30\text{ }^{\circ}\text{C} \leq T_{\text{amb}} \leq +60\text{ }^{\circ}\text{C}$

16 **Report Number**

BVS PP 17.2175 EU, as of 2019-11-06

17 **Special Conditions for Use**

None

18 **Essential Health and Safety Requirements**

The Essential Health and Safety Requirements are covered by the standards listed under item 9. Compliance with the Essential Health and Safety Requirements is not affected by this variation.

19 **Drawings and Documents**

Drawings and documents are listed in the confidential report.

We confirm the correctness of the translation from the German original.
In the case of arbitration only the German wording shall be valid and binding.

DEKRA Testing and Certification GmbH
Bochum, 2019-11-06
BVS-Scho/Mu A 20190239



Managing Director