



IECEx Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

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

Certificate No.: IECEx TUR 15.0005X issue No.: 0 Certificate history: _____

Status: **Current**

Date of Issue: **2015-02-12** Page 1 of 3

Applicant: **K.A. Schmersal GmbH & Co. KG**
Möddinghofe 30
42279 Wuppertal
Germany

Electrical Apparatus: **Safety-monitoring module**
Optional accessory: SRB101EXi-1A ; SRB200EXi-1A ; SRB101EXi-1R ; SRB200EXi-1R

Type of Protection: **Ex nA nC**

Marking: **Ex nA nC IIC T5 Gc**

Approved for issue on behalf of the IECEx
Certification Body:


Dipl.-Ing. Klauspeter Graffi

Position:

Head of Certification Body

Signature:
(for printed version)

Date:


2015-02-12

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 the [Official IECEx Website](http://www.iecex.com).

Certificate issued by:

TUV Rheinland Industrie Service GmbH
Am Grauen Stein
51105 Cologne
Germany





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Manufacturer: **K.A. Schmersal GmbH & Co. KG**
Möddinghofe 30
42279 Wuppertal
Germany

Additional Manufacturing location
(s):

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 electrical apparatus 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 : 2011 Explosive atmospheres - Part 0: General requirements
Edition: 6.0

IEC 60079-15 : 2010 Explosive atmospheres - Part 15: Equipment protection by type of protection "n"
Edition: 4

*This Certificate **does not** indicate compliance with electrical 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/TUR/ExTR15.0007/00](#)

Quality Assessment Report:

[DE/TUR/QAR11.0008/01](#)



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

The safety inputs of the safety-monitoring modules (SRB101EXi-1A ; SRB200EXi-1A ; SRB101EXi-1R ; SRB200EXi-1R) have an intrinsically safe design according to IEC 60079-11 as associated, intrinsically safe equipment, see separate Certificate DE/TUR/ExTR15.0006/00. It can also be used in Zone 2 areas, when mounted in a suitable enclosure with at least IP54 protection class in accordance to IEC 60079-15.

Advise relevant for user:

The safety-monitoring module was also certified by DE/TUR/ExTR15.0006/00.

Powersupply: 24 V DC, 100 mA (max); 3,0 W (max)
(Details see Operating instructions clause 2.4)

Rated ambient temperature range (°C): -25 °C ... +60 °C

CONDITIONS OF CERTIFICATION: YES as shown below:

The safety-monitoring modules (SRB101EXi-1A ; SRB200EXi-1A ; SRB101EXi-1R ; SRB200EXi-1R) can be installed in zone 2 areas, when mounted in a suitable enclosure with at least IP54 protection class in accordance to IEC 60079-15.