



# 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](http://www.iecex.com)

Certificate No.: **IECEX TUR 16.0025X** Page 1 of 4 [Certificate history:](#)  
Issue 0 (2016-07-06)

Status: **Current** Issue No: 1

Date of Issue: 2023-08-02

Applicant: **SAMCON Prozessleittechnik GmbH**  
Schillerstraße 17  
D-35102 Lohra-Altenvers  
Germany

Equipment: **ExConnection Rail Series T04.x..**

Optional accessory:

Type of Protection: **d, tb, ia, ib, op is, op pr, mb and e**

Marking: Basic marking:  
Ex db IIC T6 Gb  
Ex tb IIIC T80°C Db IP66  
Optional and additional Type of Protection markings for all Types see attachment Issue 0.

Approved for issue on behalf of the IECEx  
Certification Body:

**Christian Mehrhoff**

Position:

**Assigned certifier**

Signature:  
(for printed version)

Date:  
(for printed version)

2023-08-02

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](http://www.iecex.com) or use of this QR Code.



Certificate issued by:

**TUV Rheinland Industrie Service GmbH**  
Am Grauen Stein  
51105 Cologne  
Germany





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Manufacturer: **SAMCON Prozessleittechnik GmbH**  
Schillerstraße 17  
D-35102 Lohra-Altenvers  
**Germany**

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 60079-1:2014](#) Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"  
Edition:7.0

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

[IEC 60079-18:2017](#) Explosive atmospheres - Part 18: Protection by encapsulation "m"  
Edition:4.1

[IEC 60079-28:2015](#) Explosive atmospheres - Part 28: Protection of equipment and transmission systems using optical radiation  
Edition:2

[IEC 60079-31:2022](#) Explosive atmospheres – Part 31: Equipment dust ignition protection by enclosure "t"  
Edition:3.0

[IEC 60079-7:2017](#) Explosive atmospheres - Part 7: Equipment protection by increased safety "e"  
Edition:5.1

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/TUR/ExTR16.0025/01](#)

Quality Assessment Report:

[DE/BVS/QAR14.0006/09](#)



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## **EQUIPMENT:**

Equipment and systems covered by this Certificate are as follows:

ExConnection Rail Series T04.x..

The ExConnection Rail (Type 04) is an explosion proof connection and transmission unit for audio, video and process signals. The ExConnection Rail serves the purpose of transferring digital and analog camera signals as well as audio and process signals into signals of different transmission technologies.

As optional certified target transmission media, Ethernet TX (copper conductor), Ethernet FX (optical fiber) and HF, are possible equipment.

See attachment for further details.

## **SPECIFIC CONDITIONS OF USE: YES as shown below:**

1. At installation of the devices, the requirements of the IEC 60079-14 standard have to be observed.
2. The specific conditions of the used components have to be observed.
3. Only cable entries suitable for the applicable housing protection level must be used.
4. The device documentation with the Doc.-Id's: -PT04xxx (serial number) has to be transmitted to the customer. All built-in devices/components must be listed in this document.



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**DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)**

Update according to the latest standards.