



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

Certificate No.:	IECEx DEK 14.0043X	Issue No: 1	Certificate history: <a href="#">Issue No. 1 (2015-12-16)</a> <a href="#">Issue No. 0 (2014-11-06)</a>
Status:	Current	Page 1 of 4	
Date of Issue:	2015-12-16		
Applicant:	SIEMENS AG Werner-von-Siemens-Straße 50 92224 Amberg Germany		
Electrical Apparatus: Optional accessory:	Profibus Connector Series 6ES7 972-...		
Type of Protection:	Ex nA		
Marking:	Ex nA IIC T6 Gc		

Approved for issue on behalf of the IECEx  
Certification Body:

R. Schuller

Position:

Certification Manager

Signature:  
(for printed version)

Date:

  
2015-12-16

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](#).

Certificate issued by:

DEKRA Certification B.V.  
Meander 1051,  
6825 MJ Arnhem  
The Netherlands





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Manufacturer: **SIEMENS AG**  
Werner-von-Siemens-Straße 50  
92224 Amberg  
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:

[NL/DEK/ExTR14.0067/00](#)

[NL/DEK/ExTR14.0067/01](#)

### Quality Assessment Report:

[NL/DEK/QAR12.0079/02](#)



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## Schedule

### EQUIPMENT:

*Equipment and systems covered by this certificate are as follows:*

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The Profibus Connectors Series 6ES7 972-... are used for connection of electrical equipment to the Profibus. The connectors contains end resistors and switches (not intended to be used under normal operation) to connect or disconnect the resistors.

The type code, the ambient temperature range and the temperature class of the modules shall be taken from Table 1, see Annex.

### Electrical data

The electrical data of the supply and the input and output circuits shall be taken from Table 1, see Annex.

### CONDITIONS OF CERTIFICATION: YES as shown below:

1. The equipment shall only be used in an area of not more than pollution degree 2, as defined in IEC 60664-1.
2. The equipment shall be installed in a suitable enclosure providing a degree of protection of at least IP54 according to IEC 60079-15, taking into account the environmental conditions under which the equipment will be used .



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

Addition of modules Type Module 6ES7 972-0BA61-a and Type 6ES7 972-0BB61-a to the range of SIMATIC ET 200MP and S7-1500 Programmable Logic Controller Systems.

**Annex:**

[DEK 14.0043X - issue 1 - ExTR14.0067.01.pdf](#)