



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 DEK 11.0048X	Issue No: 2	<u>Certificate history:</u>
Status:	Current		Issue No. 2 (2019-03-26)
Date of Issue:	2019-03-26	Page 1 of 4	Issue No. 1 (2014-04-03)
Applicant:	Weidmüller Interface GmbH Klingenbergrasse 16 32758 Detmold Germany		Issue No. 0 (2011-07-22)
Equipment:	Power Control Unit, type ACT20-FEED-IN-PRO-S, type ACT20-FEED-IN-PRO-P		
<i>Optional accessory:</i>	<i>Power Rail Type CH20M-BUS</i>		
Type of Protection:	Ex n		
Marking:	Ex nA nC IIC T4 Gc		

*Approved for issue on behalf of the IECEx
Certification Body:*

R. Schuller

Position:

Certification Manager

Signature:

(for printed version)

Date:

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: Weidmüller Interface GmbH
Klingenbergrasse 16
32758 Detmold
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 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/ExTR11.0047/00](#) [NL/DEK/ExTR11.0047/01](#) [NL/DEK/ExTR11.0047/02](#)

Quality Assessment Report:

[NL/DEK/QAR12.0052/06](#)



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

The Power Control Unit, ACT20-FEED-IN-PRO-S or ACT20-FEED-IN-PRO-P is used to distribute supply voltage to Power Rail Type CH20M-BUS on which it is mounted.

The Control Unit is connected to an external power supply and optionally to a backup power supply.

The Control Unit detects errors from the modules mounted on the rail and provides a collective status alarm via a potential free contact.

Ambient temperature range: -20 °C to +60 °C .

Electrical data:

Power Supply (terminals 51, 52): U = 21.6 ... 26.6 Vdc.

Backup Power Supply (terminals 53, 54): U = 21.6 ... 26.6 Vdc.

Power Rail (rear contacts): U = 21.6 ... 26.6 Vdc (with 40 V transient suppression)

Power Rail Status Relay (terminals 41, 42, 43): U ≤ 30 Vdc or 32 Vac, I ≤ 2 A.

If the Control Unit is installed outside the hazardous area, the following data for the relay contacts apply:
U ≤ 30 Vdc or 250 Vac, I ≤ 2 A.

SPECIFIC CONDITIONS OF USE: YES as shown below:

The Power Control Unit shall be installed in an enclosure, in conformity with type of protection Ex n or Ex e, providing a degree of protection of at least IP54.

Cable entry devices and blanking elements shall fulfill the same requirements.



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

Issue 2 - Addition of -P model.