



# 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 ULD 17.0033 Issue No: 0 [Certificate history:](#)  
[Issue No. 0 \(2018-04-26\)](#)

Status: **Current**

Date of Issue: **2018-04-26** Page 1 of 3

Applicant: **Weidmüller Interface GmbH & Co. KG**  
Klingenbergsstrasse 16  
32758 Detmold  
**Germany**

Equipment: **Optical Isolators - PicoPak-Cl-CO-LP series**

*Optional accessory:*

Type of Protection: **Increased Safety "ec"**

Marking:  
Ex ec IIC T4 Gc  
-40 °C ≤ Ta ≤ +55°C  
-40 °C ≤ Ta ≤ +70 °C

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

Katy A. Holdredge

*Position:* Senior Staff Engineer

*Signature:  
(for printed version)*

*Date:*

2018-04-26

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:*

**UL International Demko A/S**  
Borupvang 5A,  
DK-2750 Ballerup  
Denmark





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Manufacturer: Weidmüller Interface GmbH & Co. KG  
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 60079-7 : 2015** Explosive atmospheres – Part 7: Equipment protection by increased safety "e"

Edition:5.0

*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:

[DK/ULD/ExTR17.0035/00](#)

Quality Assessment Report:

[NL/DEK/QAR12.0052/05](#)



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## Schedule

### EQUIPMENT:

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

The passive Isolator PicoPak-CI-CO-LP series separates stand-analogue current signals. An analogue input current signal is converted linear and galvanic isolated into an analogue output current signal. The power supply occurs through the output measuring circuit. Intended to be installed in an industrial application within an end use enclosure.

Please see Annex for additional information.

### SPECIFIC CONDITIONS OF USE: NO

### Annex:

[Annex to IECEx ULD 17.0033 Issue 0.pdf](#)



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## TYPE DESIGNATION

Nomenclature for type PicoPak-CI-CO-LP series:

PicoPak-	CI-	CO-	LP-	x
I	II	III	IV	V

I	PicoPak - PicoPak series
II	CI – Current Input
III	CO – Current Output
IV	LP – Loop Powered
V	S – Screw terminals
	P – Push-in terminals

## PARAMETERS RELATING TO THE SAFETY

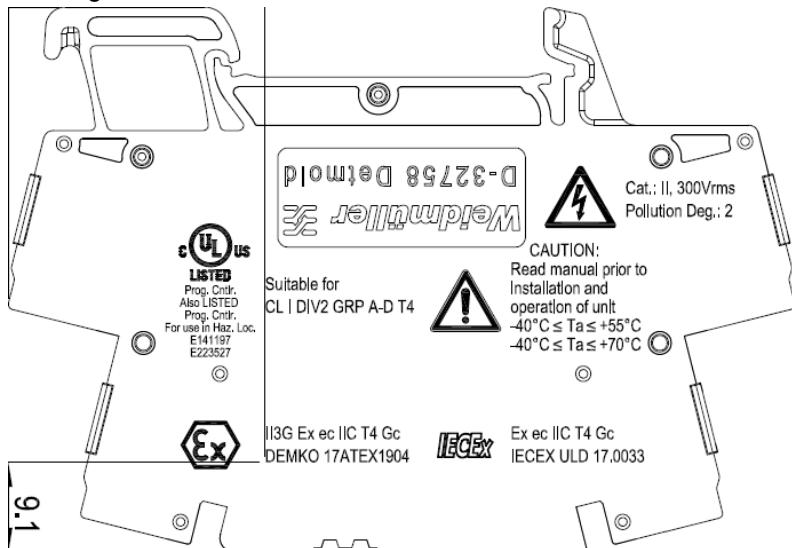
18 to 32 Vdc, 850 mW supply

I/P to isolator 6 to 35 Vdc, 4 to 20 mA.

O/P to isolator 18 to 32 Vdc, 4 to 20 mA

## MARKING

Marking has to be readable and indelible; it has to include the following indications:





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