



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 15.0015 Issue No: 0 Certificate history:
Issue No. 0 (2016-05-27)

Status: Current Page 1 of 3

Date of Issue: 2016-05-27

Applicant: **Knick Elektronische Messgeräte GmbH & Co. KG**
Beuckestraße 22, 14163 Berlin
Germany

Equipment: **Process Indicators Loop Powered Type 830 X R Opt ..., Type 830 X S1
Opt ..., Type 830 X S2 Opt ...**

Optional accessory:

Type of Protection: **Ex ia**

Marking: **Ex ia [ia Ga] IIC T6 ... T4 Gb**

Approved for issue on behalf of the IECEx
Certification Body:

R.H.D. Pommé

Position:

Certification Manager

Signature:
(for printed version)

Date:

2016-05-27

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:

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





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Manufacturer: **Knick Elektronische Messgeräte GmbH & Co.**
Beuckestraße 22, 14163 Berlin
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 60079-11 : 2011 Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
Edition:6.0

*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:

[NL/DEK/ExTR15.0011/00](#)

Quality Assessment Report:

[DE/TUN/QAR06.0016/06](#)



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

The Process Indicators Loop Powered are operating as indicating measurement devices in 0(4) ... 20mA circuits. The required auxiliary power necessary to operate the respective devices is taken from the measurement current loop.

For additional information on model codes, and options, thermal and electrical data see attachment.

CONDITIONS OF CERTIFICATION: NO

Annex:

[NL_DEK_15.0015 Issue 0 Attachment.pdf](#)