



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

Certificate No.:	IECEx DEK 11.0028X	Page 1 of 4	<u>Certificate history:</u>
Status:	Current	Issue No: 1	Issue 0 (2011-12-16)
Date of Issue:	2021-08-08		
Applicant:	Yokogawa Process Analyzers Europe B.V. (YPA) Euroweg 2 3825 HD Amersfoort Netherlands		
Equipment:	Inductive Conductivity Sensor Model ISC40S series		
Optional accessory:			
Type of Protection:	Ex i		
Marking:	Ex ia IIC T4...T6 Ga		

Approved for issue on behalf of the IECEx
Certification Body:

R. Schuller

Position:

Certification Manager

Signature:
(for printed version)

Date:

2021-08-08

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 or use of this QR Code.



Certificate issued by:

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





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Issue No: 1

Manufacturer: **Yokogawa Process Analyzers Europe B.V.**
Euroweg 2
3825 HD Amersfoort
Netherlands

Additional
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 60079-11:2011 Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
Edition:6.0

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:

[NL/DEK/ExTR11.0021/01](#)

Quality Assessment Report:

[NL/DEK/QAR13.0015/04](#)



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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

Inductive Conductivity Sensor Model ISC40S-...-... for connection to a certified associated Inductive Conductivity Transmitter which converts a measurement signal into an analogue or digital signal.

Ambient and process temperature range:

-30 °C to +40 °C for temperature class T6,

-30 °C to +95 °C for temperature class T5,

-30 °C to +130 °C for temperature class T4, depending on sensor material.

For Type Designation and Electrical data see Annex 1 to this certificate.

SPECIFIC CONDITIONS OF USE: YES as shown below:

The Sensor must be installed and used so, that dangers of ignition due to hazardous electrostatic charges cannot occur, especially in the case that the process medium is non-conductive.

Ambient temperature range:

-30 °C to +40 °C for temperature class T6,

-30 °C to +95 °C for temperature class T5,

-30 °C to +130 °C for temperature class T4



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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)

- update of certificate according to latest edition of standards
- minor constructional changes

Annex:

[225638800-Annex1_1.pdf](#)