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 FMG 14.0024X	Issue No: 1	Certificate history:
			Issue No. 1 (2016-04-11)
Status:	**Current**	Page 1 of 4	Issue No. 0 (2015-08-04)
Date of Issue:	**2016-04-11**		

Applicant: **Endress + Hauser Yamanashi Co., Ltd.**
882-1 Mitsukunugi Sakaigawa-cho
Fuefuki-shi, Yamanashi-Ken 406-0846
Japan

Electrical Apparatus: **NAR300 Oil Leak Detector System**

Optional accessory:

Type of Protection: **Intrinsic safety "ia", Flameproof "d"**

Marking:

Ex ia IIB T5 Ta = 60°C Ga; Ex ia[Ex ia Gb] IIB Ta 60°C [ia Ga] IIB T4 Gb; Ex d ia [ia Ga] IIB T4 Gb Ta = 60°C; Ex d[ia] IIB T6 Gb Ta = 60°C; [Ex ia Gb] IIB Ta 60°C - IP67

Approved for issue on behalf of the IECEx Certification Body: J. E. Marquedant

Position: Manager, Electrical Systems

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:

FM Approvals LLC
1151 Boston-Providence Turnpike
Norwood, MA 02062
United States of America

FM Approvals
Member of the FM Global Group

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Manufacturer: **Endress + Hauser Yamanashi Co., Ltd.**
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Japan

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 Edition:6.0	Explosive atmospheres - Part 0: General requirements
IEC 60079-1 : 2007-04 Edition:6	Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
IEC 60079-11 : 2011 Edition:6.0	Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
IEC 60079-25 : 2010-02 Edition:2.0	Explosive atmospheres – Part 25: Intrinsically safe electrical systems

*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:

US/FMG/ExTR14.0025/00 US/FMG/ExTR14.0025/01

Quality Assessment Report:

DE/TUN/QAR06.0003/05 DE/TUN/QAR06.0003/04

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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

NAR300-abAcde. Float Sensor and Transmitter for Oil Leak Detector System.

a = Approval B

b = Type 1, 5, 6 or 9

c = Signal Cable A, B, C, D, E, F or Y

d = Float Guide 1, 2, 3, 9 or Y

e = Cable Entry A, B, C, E, F or Y

NRR261-abc. Converter and Transmitter for Oil Leak Detector System.

a = Approval B or E

b = Power Supply A or B

c = Cable Entry Q, R, T, U, or W

NRR262-ab. Converter for Oil Leak Detector System.

a = Approval B

b = Power Supply A or B

CONDITIONS OF CERTIFICATION: YES as shown below:

1. *Contact manufacturer for flamepath joint details if repair is required.*
2. *Potential Electrostatic Discharge hazard, clean surfaces with a damp cloth.*

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

CPU change on CPU Board Circuit diagram.