



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 KEM 07.0044

issue No.:0

Certificate history:

Status:

Current

Date of Issue:

2007-11-26

Page 1 of 3

Applicant:

Yokogawa Electric Corporation
2-9-32 Naka-cho
Muasshini-shi
Tokyo
180-8750
Japan

Electrical Apparatus:
Optional accessory:

Temperature Transmitter type YTA...

Type of Protection:

Ex d and Ex tD

Marking:

**Ex d IIC T6/T5
Ex tD A21 IP67 T70 °C, T90 °C
Tamb (Gas) -40 to +75 °C (T6) or -40 to +80 °C (T5)
Tamb (Dust) -40 to +65 °C (T70 °C)
or -40 to +80 °C (T90 °C)**

Approved for issue on behalf of the IECEx
Certification Body:

T. Pijpker

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:

KEMA Quality B.V.
Utrechtseweg 310
6812 AR Arnhem
The Netherlands





IECEx Certificate of Conformity

Certificate No.: IECEx KEM 07.0044

Date of Issue: 2007-11-26

Issue No.: 0

Page 2 of 3

Manufacturer: **Yokogawa Electric Corporation**
2-9-32 Naka-cho
Musashino-shi
Tokyo
180-8750
Japan

Manufacturing location(s):

Yokogawa Electric Corporation
2-9-32 Naka-cho
Musashino-shi
Tokyo
180-8750
Japan

Yokogawa electric Asia Pte. Ltd.
5 Bedok South Road
Singapore 469270
Singapore

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 : 2004 Edition: 4.0	Electrical apparatus for explosive gas atmospheres - Part 0: General requirements
IEC 60079-1 : 2007-04 Edition: 6	Explosive atmospheres - Part : Equipment protection by flameproof enclosures "d"
IEC 61241-0 : 2004 Edition: 1	Electrical apparatus for use in the presence of combustible dust - Part 0: General requirements
IEC 61241-1 : 2004 Edition: 1	Electrical apparatus for use in the presence of combustible dust - Part 1: Protection by enclosures "tD"

*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/KEM/ExTR07.0051/00

Quality Assessment Report:

NL/KEM/QAR07.0008/00



IECEx Certificate of Conformity

Certificate No.: IECEx KEM 07.0044

Date of Issue: 2007-11-26

Issue No.: 0

Page 3 of 3

Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

The Temperature Transmitter type YTA..., with or without display, converts a measurement input signal of separately approved temperature sensors into an analogue and/or digital output signal. Ambient temperature range: -40 °C to +65 °C for maximum surface temperature T 70 °C-40 °C to +75 °C for temperature class T6-40 °C to +80 °C for maximum surface temperature T 90 °C and for temperature class T5. The enclosure provides a degree of protection of at least IP67 in accordance with IEC 60529.

CONDITIONS OF CERTIFICATION: NO