



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 ETL 13.0046X Issue No: 0 Certificate history:
Issue No. 0 (2015-11-12)
Status: **Current** Page 1 of 3
Date of Issue: **2015-11-12**
Applicant: **Rockwell Automation, Inc.**
11335 Clay Rd suite 100
Houston , TX 77041
United States of America
Electrical Apparatus: **Wireless Monitoring System**
Optional accessory: **N/A**
Type of Protection: **Intrinsic Safety - 'ib'**
Marking:
Ex ib IIB T4 Gb
IECEX ETL 13.0046X
-20°C ≤ Tamb ≤ +60°C
IP65

Approved for issue on behalf of the IECEx
Certification Body:

Don Card

Position:

Certification Officer

Signature:
(for printed version)

Date:

2015-11-12

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:

Intertek
3933 US Route 11 South
Cortland NY 13045-2995
United States of America



Spare Allen-Bradley Parts



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Manufacturer: **Rockwell Automation, Inc.**
11335 Clay Rd suite 100
Houston , TX 77041
United States of America

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:

[US/ETL/ExTR15.0055/00](#)

Quality Assessment Report:

[NO/PRE/QAR15.0026/00](#)



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

vMonitor™ . – iSens Wireless Monitoring System that consists of three models:

- iSens GP (uses a pressure sensor (Foxboro iGP10)
- iSens DP (uses a Differential pressure sensor (Foxboro iDP10)
- iSens T2 (uses an RTD – PT100 4-Wire).

Pressure sensor and Differential pressure sensor have been evaluated for I.S. per IEC 60079-11 Temperature sensor is a simple apparatus.

The iSensGP is a battery powered, long range and multi frequency intelligent wireless sensor, suited for remote monitoring in hazardous environments. It is mounted via a mounting bracket set to field piping.

Different communication (wired and wireless) options are available. Wireless options include the vMonitor WMP Protocol (2.4GHz of 900MHz) and Wireless HART communication (2.GHz).

Equipment is powered by vMPOW20038 battery pack that contains two size D batteries with 3.6Vnom.

Please see Annex for list of manufacturer's documents.

CONDITIONS OF CERTIFICATION: YES as shown below:

1. The measured capacitance of the product is 20.2pF when tested per Clause 26.14 of IEC 60079-0:2011.
2. Process fluid temperature is to be maximum 121°C.
3. Only use vMOPW20038 battery pack to power the system

Annex:

[Annex for COC IECEx ETL 13.0046X.pdf](#)

Spare Allen-Bradley Parts