



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 11.0071 Issue No: 1 Certificate history:
Status: **Current** Page 1 of 4 Issue No. 1 (2016-10-07)
Date of Issue: **2016-10-07** Issue No. 0 (2012-04-16)

Applicant: **Dwyer Instruments Inc.**
102 Indiana Highway 212
Michigan City, IN 46360
United States of America

Equipment: **Level and Float Switches, Models L4 and V4**
Optional accessory:

Type of Protection: **Ex db**

Marking: Ex db IIB T6 Gb or
Ex db IIB T5 Gb or
Ex db IIB T4 Gb or
Ex db IIB 145 °C (T3) Gb

Approved for issue on behalf of the IECEx
Certification Body:

L.G. van Schie

Position:

Certification Manager

Signature:
(for printed version)

Date:

2016-10-07

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: **Dwyer Instruments Inc.**
102 Indiana Highway 212
Michigan City, IN 46360
United States of America

Additional Manufacturing location(s):

W.E. Anderson, a division of Dwyer Instruments Inc.
250 Highgrove
Grandview, MO 64030
United States of America

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 60079-1 : 2014-06 Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"

Edition:7.0

*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/ExTR11.0077/01](#)

Quality Assessment Report:

[CA/CSA/QAR09.0006/08](#)



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

The Level and Float Switches, Models L4 and V4 are float and vane displacer operated switches.

For details on the nomenclature, thermal data and electrical data see Annex 1 to this certificate.

CONDITIONS OF CERTIFICATION: NO



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

1. Update standard editions to IEC 60079-0:2011 (Ed. 6) and IEC 60079-1:2014 (Ed. 7)
2. Addition of metric conduit entry option

Annex:

[381546300-Annex 1 \(V4-L4\).pdf](#)