

# CERTIFICATE

## (1) EC-Type Examination

(2) **Equipment and protective systems intended for use in potentially explosive atmospheres - Directive 94/9/EC**

(3) EC-Type Examination Certificate Number: **KEMA 03ATEX2383** Issue Number: **2**

(4) Equipment: **Level and Float Switches, Models L4 and V4**

(5) Manufacturer: **Dwyer Instruments Inc.**

(6) Address: **102 Indiana Highway 212, Michigan City, IN 46360, USA**

(7) This equipment and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

(8) DEKRA Certification B.V., notified body number 0344 in accordance with Article 9 of the Council Directive 94/9/EC of 23 March 1994, certifies that this equipment has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres given in Annex II to the directive.

The examination and test results are recorded in confidential test report number NL/DEK/ExTR11.0077/\*\*.

(9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

**EN 60079-0 : 2009**

**EN 60079-1 : 2007**

(10) If the sign "X" is placed after the certificate number, it indicates that the equipment is subject to special conditions for safe use specified in the schedule to this certificate.

(11) This EC-Type Examination Certificate relates only to the design, examination and tests of the specified equipment according to the Directive 94/9/EC. Further requirements of the directive apply to the manufacturing process and supply of this equipment. These are not covered by this certificate.

(12) The marking of the equipment shall include the following:



**II 2 G Ex d IIB T6...T3 or 145 °C Gb**

This certificate is issued on 16 April 2012 and, as far as applicable, shall be revised before the date of cessation of presumption of conformity of (one of) the standards mentioned above as communicated in the Official Journal of the European Union.

DEKRA Certification B.V.

M. Erdhuizen  
Certification Manager

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(13) **SCHEDULE**

(14) **to EC-Type Examination Certificate KEMA 03ATEX2383**

Issue No. 2

(15) **Description**

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

Ambient temperature range : -20 °C to + 73 °C

The relation between temperature class and the medium temperature range is shown in the table below:

Temperature class	Medium temperature range
T6	-20 °C to +73 °C
T5	-20 °C to +88 °C
T4	-20 °C to +123 °C
T3 or 145 °C	-20 °C to +133 °C

**Electrical data**

Voltage ..... max. 250 V  
Current ..... max. 10 A

**Installation instructions**

The instructions provided with the equipment shall be followed in detail to assure safe operation.

(16) **Test Report**

No. NL/DEK/ExTR 11.0077/\*\*.

(17) **Specific conditions of use**

None.

(18) **Essential Health and Safety Requirements**

Covered by the standards listed at (9).

(19) **Test documentation**

As listed in Test Report No. NL/DEK/ExTR 11.0077/\*\*.