

# CERTIFICATE

## (1) EU-Type Examination

(2) **Equipment or protective systems intended for use in potentially explosive atmospheres - Directive 2014/34/EU**

(3) EU-Type Examination Certificate Number: **KEMA 03ATEX2391 X** Issue Number: **5**

(4) Product: **Position Indicating Switch, Models Mark 1, Mark 3 and Mark 4**

(5) Manufacturer: **Dwyer Instruments, LLC**

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

(7) This product 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 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products 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/ExTR11.0061/02.

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

**EN IEC 60079-0 : 2018**

**EN 60079-1 : 2014**

except in respect of those requirements listed at item 18 of the Schedule.

(10) If the sign "X" is placed after the certificate number, it indicates that the product is subject to the Specific Conditions of Use specified in the schedule to this certificate.

(11) This EU-Type Examination Certificate relates only to the design and construction of the specified product. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.

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



**II 2 G Ex db IIC T6 Gb**  
**II 2 G Ex db IIB T6 Gb (Option SV1, SV2 only)**

Date of certification: 17 November 2022

DEKRA Certification B.V.



L.G. van Schie  
 Certification Manager

(13) **SCHEDULE**

(14) **to EU-Type Examination Certificate KEMA 03ATEX2391 X**

Issue No. 5

(15) **Description**

The Position Indicating Switch, Models Mark 1, Mark 3 and Mark 4, is in type of protection flameproof enclosures “d” and provides an indication of the position of a rotating shaft. The enclosure can be provided with switches, potentiometers or transmitters.

The degree of protection is IP66 / IP68W per EN 60529 except for the Solenoid Valve (Options SV1, SV2) options, which are IP66 only.

For details on the nomenclature, thermal data and electrical data see Annex 1 to Report No. NL/DEK/ExTR11.0061/02.

**Installation instructions**

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

(16) **Report Number**

NL/DEK/ExTR11.0061/02.

(17) **Specific conditions of use**

The flame path dimensions differ from EN 60079-1 requirements. Repairs to be conducted by Dwyer Instruments, LLC.

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

Covered by the standards listed at item (9).

(19) **Test documentation**

As listed in Report No. NL/DEK/ExTR11.0061/02.

(20) **Certificate history**

Issue 1 - 203119800	Initial certificate
Issue 2 - 210683400	Update to latest standard editions
Issue 3 - 214487700	Update to latest standard editions
Issue 4 - 381472400	Update to latest standard editions, addition of Ex ib WirelessHART option, removal of T5 temperature code, addition of nomenclature table, update information and markings for solenoid valve options
Issue 5 - 383009700	Assessed per EN IEC 60079-0:2018, removal of Ex ib WirelessHART option, minor documentation updates, update manufacturer name