

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 04ATEX2186 X** Issue Number: **3**

(4) Product: **Pressure Switch, Series SA1100**

(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/ExTR11.0111/01.

(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

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 04ATEX2186 X**

Issue No. **3**

(15) **Description**

The Pressure Switch, Series SA1100, is in type of protection flameproof enclosures “d” and used to switch in response to increasing or decreasing pressure of gasses or liquids.

For details on the nomenclature, thermal data and electrical data see Annex 1 to Report No. NL/DEK/ExTR11.0111/01.

Installation instructions

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

(16) **Report Number**

NL/DEK/ExTR11.0111/01.

(17) **Specific conditions of use**

Repair of the flameproof joints are to be done by the manufacturer only.

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

Covered by the standards listed at item (9).

(19) **Test documentation**

As listed in Report No. NL/DEK/ExTR11.0111/01.

(20) **Certificate history**

Issue 1 - 207552200	Initial certificate
Issue 2 - 214885600	Assessed per EN 60079-0 : 2009 and EN 60079-1 : 2007
Issue 3 - 383009700	Assessed per EN IEC 60079-0 : 2018 and EN 60079-1 : 2014, minor documentation updates, update manufacturer name