

EU-TYPE EXAMINATION CERTIFICATE

- [2] EQUIPMENT OR PROTECTIVE SYSTEM INTENDED FOR USE IN POTENTIALLY EXPLOSIVE ATMOSPHERES DIRECTIVE 2014/34/EU
- [3] EU-Type Examination Certificate Number: **PRESAFE 18 ATEX 13312X** **Issue 1**
- [4] Product: **Pneumatic Valve Positioner**
- [5] Manufacturer: **PMV Automation AB**
- [6] Address: **Korta Gatan 9,
SE-171 54 Solna
Sweden**
- [7] This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.
- [8] DNV GL Presafe AS, notified body number 2460, 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 reports listed in section 16.
- [9] Compliance with the Essential Health and Safety Requirements has been assured by compliance with: **EN 60079-0:2012 and ISO 80079-36:2016.**
- [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 1 G **Ex h IIC T5/T6 Ga (Tambinet- See page 2)**
II 1 D **Ex h IIIC T100°C/T85°C Da IP 66**



Date of issue:
2019-04-08



Bjørn Spongsveen
 For DNV GL Presafe AS
 The Certificate has been digitally signed.
 See www.dnvgl.com/digitalsignatures for info

[13] **Schedule**

[14] **EU-Type Examination Certificate No:** PRESAFE 18 ATEX 13312X Issue 0

[15] **Description of Product**

The P5 is a pneumatic mechanical valve positioner, used in either single or double acting applications. P5 comes standard with built in dampers, a high gain spool valve assembly, gauge ports and an O-ring sealed housing. The housing utilizes a unique O-ring seal that can be adjusted to a sealed or drained position. The enclosure is made of aluminum and a there is circular flat or dome shaped plastic window for position indicator on the front cover.

Type designation

P5

Data

Max Supply Pressure: 1MPa (150PSI)

Degrees of protection (IP Code)

IP 66 according to IEC 60529

Type 4X according to NEMA 250

Ambient temperature:

Seal Material	Tambinet range for T6	Tambinet range for T5
Nitrile (NBR)	-20 °C < Ta < +75 °C	-20 °C < Ta < +85 °C
Silicon (SIL)	-40 °C < Ta < +75 °C	-40 °C < Ta < +85 °C

[16] **Report No.:** D0003460

[17] **Specific Conditions of Use**

1. The enclosure is made of aluminum and impact or friction caused by external objects shall be avoided in the application.
2. Rubbing of the windows with dry fabrics shall be avoided when the positioner is used in an IIC and IIIC atmosphere in order to avoid potentially incendive static discharges.

[18] **Essential Health and Safety Requirements**

Essential Health and Safety Requirements (EHSRs) are covered by the standards listed at item 9 and EN IEC 60079-0:2018 (product is evaluated and fully compliant with 2018 edition).

[19] **Drawings and documents**

Number	Title	Rev.	Date
P5-As1C	Cert. Assembly drawing	0	18-11-07
P5-App1	Cert. Marking Plate	2	19-02-21
P5-App2	Cert. Material drawing	0	18-11-06
P5EP5 Mandatory IOM Content	Mandatory IOM Content	1	19-03-12
P5 Technical File Contents	Technical File	H	19-03-13

[20] **Certificate History**

Issue	Description	Issue date	Report no.
0	Original issue	2019-03-29	D0003460
1	Typo error on the dates rectified under document and drawings.	2019-04-08	D0003460

END OF CERTIFICATE