

[1] EC-TYPE EXAMINATION CERTIFICATE

**[2] Equipment or Protected System Intended for use
in Potentially explosive atmospheres
Directive 94/9/EC**

- [3] EC-Type Examination Certificate Number:** Nemko 03ATEX112X
- [4] Equipment or Protective System:** Pneumatic Valve Positioner
- [5] Applicant/ Manufacturer:** PMV Palmstiernas Instrument AB
- [6] Address:** Korta gatan 9
S-17154 Solna
Sweden
- [7] This equipment or protective system and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.**
- [8] Nemko AS, notified body number 0470 in accordance with Article 9 of Council Directive 94/9/EC of 23 March 1994, certifies that this equipment or protective system 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 report no. 200309116
- [9] Compliance with the Essential Health and Safety Requirements has been assured by compliance with:**
- EN 50014: 1997 + A1: 1999 + A2: 1999
EN 1127-1:1997
EN 13463-1: 2002
- [10] If the sign "X" is placed after the certificate number, it indicates that the equipment or protective system 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 or protective system in accordance to the directive 94/9/EC. Further requirements of the Directive apply to the manufacturing process and supply of this equipment or protective system. These are not covered by this certificate.**
- [12] The marking of the equipment or protective system shall include the following:**

 II 1 GD

Oslo, 2003-04-30

Rolf Hoel
Certification Department

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[13] Schedule**[14] EC-TYPE EXAMINATION CERTIFICATE No Nemko 03ATEX112X****[15] Description of Equipment or Protective System**

The P5 is a pneumatic mechanical valve positioner, used in either single or double acting applications. The enclosure is made of aluminium and there is a circular flat or dome shaped plastic window for position indicator on the front cover.

Type Designation

P5

Data

Max Supply Pressure: 1MPa (150PSI)

Ingress Protection Code

IP 66 according to IEC 60529

Type 4X according to NEMA 250

[16] Report No. 200309116

and the list of Schedule Documents P5 Technical File Contents Rev. D. Dated 2003-04-30.

[17] Special Conditions for Safe Use

1. The enclosure is made of aluminium 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 atmosphere in order to avoid potentially incendive static discharges.
3. The ambient temperature range for the positioner is $-20^{\circ}\text{C} < T_a < 85^{\circ}\text{C}$

[18] Essential Health and Safety Requirements

See item 9

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