



# IECEX Certificate of Conformity

## INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification System for Explosive Atmospheres

for rules and details of the IECEx Scheme visit [www.iecex.com](http://www.iecex.com)

Certificate No.: **IECEX PRE 17.0072X** Page 1 of 3 [Certificate history:](#)

Status: **Current** Issue No: 0

Date of Issue: 2018-02-14

Applicant: **PMV Automation AB**  
Korta Gatan 9, Solna  
Sweden

Equipment: **PMV**

Optional accessory: D3E-\*/D20E\*/APEX 9000E

Type of Protection: **Ex d**

Marking: Ex db IIB+H2 T6, -20°C ≤ Ta ≤ +60°C  
Ex tb IIIC T100°C, -20°C ≤ Ta ≤ +80°C

Approved for issue on behalf of the IECEx  
Certification Body:

**Asle Kaastad**

Position:

**Certification Manager**

Signature:  
(for printed version)

Date:

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting [www.iecex.com](http://www.iecex.com) or use of this QR Code.



Certificate issued by:

**DNV GL Nemko Presafe AS**  
Veritasveien 3  
1363 Høvik  
Norway





# IECEX Certificate of Conformity

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Date of issue: 2018-02-14

Issue No: 0

Manufacturer: **PMV Automation AB**  
Korta Gatan 9, Solna  
Sweden

Additional  
manufacturing  
locations:

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended

## STANDARDS :

The equipment and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards

**IEC 60079-0:2011** Explosive atmospheres - Part 0: General requirements  
Edition:6.0

**IEC 60079-1:2014-06** Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"  
Edition:7.0

**IEC 60079-31:2013** Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"  
Edition:2

This Certificate **does not** indicate compliance with safety and performance requirements other than those expressly included in the Standards listed above.

## TEST & ASSESSMENT REPORTS:

A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in:

Test Report:

[NO/PRE/ExTR17.0070/00](#)

Quality Assessment Report:

[NO/NEM/QAR08.0008/08](#)



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Date of issue: 2018-02-14

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## **EQUIPMENT:**

Equipment and systems covered by this Certificate are as follows:

PMV D3E/D20E/APEX9000E is a digital positioner for adjustable valves providing information about the position of the valves. D3E employs Ex d/Ex tb protection type.

D3E- is a construction for double acting air relay , D20E & APEX 9000 E is a construction for single acting air relay. All the models uses the same constructional design for enclosure.

## **Type designation**

D3E-\*/D20E\*/APEX 9000E

## **Electrical Data**

28VDC, 28mA, 0,67W

**Degrees of protection (IP Code):** IP 6X according to IEC 60079-31 & IP X6 according to EN 60529

## **Ambient temperature:**

-20°C to +60°C for Gas atmosphere

-20°C to +80°C for Dust atmosphere

## **SPECIFIC CONDITIONS OF USE: YES as shown below:**

Repairs of flameproof joints must be made in accordance with structural specifications provided by the manufacturer. Repairs must not be made on the basis of the values provided in Table 3 of IEC 60079-1: 2014.