



IECEX Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.: IECEx PRE 17.0072X

Issue No: 0

Certificate history:

[Issue No. 0 \(2018-02-14\)](#)

Status: **Current**

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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 the [Official IECEx Website](#).

Certificate issued by:

DNV GL Nemko Presafe AS
Veritasveien 3
1363 Høvik
Norway





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

Additional Manufacturing location(s):

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 electrical apparatus 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 electrical 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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Schedule

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.