



# 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](http://www.iecex.com)

Certificate No.:  issue No.:

Status:

Date of Issue:  Page 1 of 3

Applicant: **Versa Products Company, Inc.**  
22 Spring Valley Road  
Paramus  
New Jersey 07652  
**United States of America**

Electrical Apparatus: **Electromagnetic Solenoid Valve Operator Series XDA...**  
Optional accessory:

Type of Protection: **Ex d**

Marking: **Ex d IIC T4 to T6 Gb**


Approved for issue on behalf of the IECEx  
Certification Body:

C.G. van Es

Position:

Certification Manager

Signature:  
(for printed version)

  
\_\_\_\_\_

Date:

2009-08-20

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:

**KEMA Quality B.V.**  
Utrechtseweg 310  
6812 AR Arnhem  
The Netherlands





# IECEx Certificate of Conformity

Certificate No.: IECEx KEM 09.0045

Date of Issue: 2009-08-20

Issue No.: 0

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Manufacturer: **Versa Products Company, Inc.**  
22 Spring Valley Road  
Paramus  
New Jersey 0765  
**United States of America**

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 : 2007-10** Explosive atmospheres - Part 0: Equipment - General requirements  
Edition: 5

**IEC 60079-1 : 2007-04** Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"  
Edition: 6

*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:

NL/KEM/ExTR09.0046/00

Quality Assessment Report:

NL/KEM/QAR08.0018/01



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Certificate No.: IECEx KEM 09.0045

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## Schedule

### EQUIPMENT:

*Equipment and systems covered by this certificate are as follows:*

See attachment.

### CONDITIONS OF CERTIFICATION: NO

## Description

The Electromagnetic Solenoid Valve Operator Series XDA... consists of a stainless steel housing, a coil and a sleeve-plunger assembly. The unit serves to actuate a valve. The degree of protection is IP66/67 according to IEC 60529.

For the 6 W / 6 VA valve operators the relation between temperature class and ambient temperature range is given in the table below.

Ambient temperature ranges:

-40 °C ... +40 °C for T6 (T85 °C)

-40 °C ... +60 °C for T5 (T100 °C)

-40 °C ... +90 °C for T4 (T135 °C)

The 10 W / 10 VA valve operators are rated for temperature class T5 and are suitable for an ambient temperature range of -40 °C to +40 °C.

## Electrical data

Power supply:	12 – 220 Vdc	6 W or 10 W
	24 – 240 Vac, 50/60 Hz	6 VA or 10 VA

## Installation instructions

The cable entry device shall be certified in type of protection flameproof enclosure "d", suitable for the conditions of use and correctly installed.

For ambient temperatures up to 60 °C, cable and cable entry device suitable for at least 85 °C shall be used.

For ambient temperatures up to 90 °C, cable and cable entry device suitable for at least 115 °C shall be used.