



# 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.:	IECEX DNV 06.0001X	issue No.:2	<b>Certificate history:</b> Issue No. 2 (2011-10-21) Issue No. 1 (2010-11-30) Issue No. 0 (2006-2-24)
Status:	<b>Current</b>		
Date of Issue:	<b>2011-10-21</b>	Page 1 of 4	
Applicant:	<b>Oden Control AB</b> Herserudsvägen 5, 181 34 Lidingö <b>Sweden</b>		
Electrical Apparatus:	<b>Actuator model P30EX</b>		
<i>Optional accessory:</i>			
Type of Protection:	<b>Flameproof enclosure 'd'.</b>		
Marking:	<b>Ex d IIC T5 (-20°C ≤ Ta ≤ +60°C)</b>		
<i>Approved for issue on behalf of the IECEx Certification Body:</i>		Marianne Spæren	
<i>Position:</i>		Head of Section	
<i>Signature:</i> (for printed version)		_____	
<i>Date:</i>		_____	
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 <a href="http://www.iecex.com">Official IECEx Website</a> .			

Certificate issued by:

**DNV**  
**Det Norske Veritas AS**  
 Veritasveien 1  
 1322 Hovik  
 Norway





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Manufacturer: **Oden Control AB**  
 Herseudsvägen 5,  
 181 34 Lidingö  
**Sweden**

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 : 2000** Electrical apparatus for explosive gas atmospheres - Part 0: General requirements  
 Edition: 3.1

**IEC 60079-1 : 2001** Electrical apparatus for explosive gas atmospheres - Part 1: Flameproof enclosures 'd'  
 Edition: 4

*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/DNV/ExTR06.0001/01](#)

[NO/DNV/ExTR06.0001/02](#)

##### Quality Assessment Report:

[NO/DNV/QAR06.0001/00](#)

[NO/DNV/QAR06.0001/03](#)



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## Schedule

### EQUIPMENT:

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

The P30EX actuator comprises a sealed aluminium housing which includes a brushless servo motor, a reduction gearbox, electronics and a cable inlet with a connection board at the end of the cable.

Electrical data:

$U = 24 (\pm 15\%) \text{ V DC}$

$I_{\text{max}} = 8 \text{ A}$

$P_{\text{max}} = 200 \text{ W}$

### CONDITIONS OF CERTIFICATION: YES as shown below:

The equipment is provided with a permanently connected cable. The free cable end must be terminated in an IECEx certified junction box our outside potential explosive atmospheres.



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**DETAILS OF CERTIFICATE CHANGES (for issues 1 and above):**

Issue 2. Print error in the type on page 3