



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 UL 14.0055X issue No.:0 Certificate history: _____

Status: **Current**

Date of Issue: **2014-12-14** Page 1 of 3

Applicant: **Pulsafeeder Inc.**
2883 Brighton Henrietta Town Line Rd
Rochester, NY 14623
United States of America

Electrical Apparatus: **Electromechanical Servo Controller**
Optional accessory:

Type of Protection: **Flameproof "d", Dust Ignition Protection by Enclosure "tb"**

Marking: Ex d IIB T6 Gb
Ex tb IIIC T85°C Db IP66
-20°C to +40°C

Approved for issue on behalf of the IECEx Certification Body: Paul T. Kelly

Position: Princiipal Engineer - Global Hazardous Locations

Signature:
(for printed version)

Date: 2014-12-14

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

Certificate issued by:

UL LLC
333 Pfingsten Road
Northbrook IL 60062-2096
United States of America





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Manufacturer: **Pulsafeeder Inc.**
2883 Brighton Henrietta Town Line Rd
Rochester, NY 14623
United States of America

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 Edition: 6.0 | Explosive atmospheres - Part 0: General requirements |
| IEC 60079-1 : 2007-04 Edition: 6 | Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d" |
| IEC 60079-31 : 2013 Edition: 2 | Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t" |

*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:
[US/UL/ExTR14.0087/00](#)

Quality Assessment Report:
[US/UL/QAR14.0015/00](#)



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

The ECA-XP is an electromechanical servo controller intended to adjust flow in a process media by controlling stroke length in a pump. It is intended to be programmed and controlled through the ECA-XP controller, and mounted to a suitable user supplied pump.

CONDITIONS OF CERTIFICATION: YES as shown below:

Dimensions of flameproof joints are other than the relevant minimum or maximum specified in Table 1. Contact manufacturer for information on the dimensions of the flameproof joints.

Yield stress of cover bolts is 640 MPa.

This equipment shall be installed so that the flanged joint(s) are not within 30 mm of a solid object that is not part of this equipment.