



# 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 ETL 18.0040X** Page 1 of 4 Certificate history:  
Status: **Current** Issue No: 2 [Issue 1 \(2020-02-20\)](#)  
[Issue 0 \(2019-12-30\)](#)  
Date of Issue: 2021-10-27  
Applicant: **Pulsafeeder, Inc.**  
2883 Brighton Henrietta Town Line Road  
Rochester, NY 14623  
**United States of America**  
Equipment: **XAE - Stroke Length Actuator**  
Optional accessory:  
Type of Protection: **Flameproof 'db', dust ignition protection by enclosure 'tb'**  
Marking: Ex db IIB T6 Gb  
Ex tb IIIB T85°C Db IP66  
-40°C to +70°C  
IECEX ETL 18.0040X

Approved for issue on behalf of the IECEx  
Certification Body:

**Kevin J. Wolf**

Position:

**Certification Officer**

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:

**Intertek**  
**3933 US Route 11 South**  
**Cortland NY 13045-2995**  
**United States of America**

**intertek**



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

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 60079-0:2017** Explosive atmospheres - Part 0: Equipment - General requirements  
Edition:7.0

**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 Reports:

[US/ETL/ExTR19.0090/00](#)

[US/ETL/ExTR19.0090/01](#)

Quality Assessment Report:

[US/UL/QAR14.0015/05](#)



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**EQUIPMENT:**

Equipment and systems covered by this Certificate are as follows:

Stoke length actuator housed in a flameproof and dust protected enclosure with cast iron cover and carbon steel back-plate. The enclosure has 5 openings for; a manual adjustment shaft, drive shaft, disconnect pin and 2 NPT entries for electrical connections. All exposed ferrous metal surfaces are coated with solvent based two part epoxy and all ferrous metal joints are greased for corrosion resistance.

100 RPM Maximum

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

Flamepaths are not intended to be repaired.

All enclosure entries must be sealed with an appropriately rated Ex d and Ex tb sealing device.

Use only a damp cloth to reduce static build-up during cleaning.



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

- Updated Standard IEC 60079-0 Edition 6 to IEC 60079-0:2017 Edition 7.
- Revised drawing MW550003 from revision E to F.
- Revised drawing MW910001 from revision G to H.
- Revised drawing IOM-CTL-XAE-2007 from revision D to E.

**Annex:**

[Annex IECEX ETL 18.0040\\_2.pdf](#)



# Annex to IECEx Certificate of Conformity

<b>Certificate No:</b>	<b>IECEX ETL 18.0040X</b>	<b>Issue No. 2</b>
<b>Annex No. 2</b>		

**Conditions of manufacturing (routine tests) associated with Issue 0,1 and 2 of this certificate:**

Enclosure incorporating a welded construction per IEC 60079-1 Section 16.3:

1. For enclosures or parts of enclosures that incorporate a welded construction, the integrity of the welded construction shall be verified by the following inspection method:
  - a. liquid penetrant weld inspection.

**Manufacturer's documents**

**Drawings associated of this certificate:**

Technical Documents			
Title:	Drawing No.:	Rev. Level:	Date:
*NAMEPLATE, XAE	MW550003	F	10/11/2021
COVER, EXT ADJ MOD, XAE-N7	MW250005	C	11/21/2017
SHAFT, EXT MAN ADJ, XAE-N7	MW410032	A	4/11/2017
BACK PLATE, XAE-N7	MW540001	D	12/11/2019
DRIVE SLEEVE, INNER, 180D, MALE, XAE-N7-PRO	MW540004	C	5/12/2017
*ASSY, ACTUATOR, EXT MAN ADJ, XAE-N7	MW910001	H	10/11/2021
DRIVE SLEEVE. OUTER, PULSA-XAE	W215371	B	04/18/2017
*Installation, Operation & Maintenance Manual	IOM-CTL-XAE-2007	E	10/08/2021
XAE Certification Drawings-Documents	MW910001-ENG	002	12/11/2019
Cover, XP Casting	W206351	N	11/29/2019
LABEL, SUPPLY WIRE TEMP	MW550023	A	12/11/2019
COVER ASSY, XAE	MW910004	D	12/11/2019
DISCONNECT PIN XP 20 60 80	W207144	D	11/08/10
FLANGE, COVER, EXT ADJ SHAFT, XAE-N7	MW580018	B	12/11/2019
.25-28X.75 SCREW SKHD 188	W777910	A	12/05/2019
.25-28x1.06 SCREW FLT SKHD	W777911	A	10/31/2019

*Note: An \* is included before the title of documents that are new or revised.*