

EU-TYPE EXAMINATION CERTIFICATE

Equipment or Protective System Intended for use in Potentially Explosive Atmospheres Directive
2014/34/EU

- EU-Type Examination Certificate Number:** ITS17ATEX12867X **Issue 01**
- Product:** Stroke Length Actuator
- Manufacturer:** Pulsafeeder, Inc.
- Address:** 2883 Brighton Henrietta Town Line Road
Rochester, NY 14623
USA
- This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.
- Intertek Testing and Certification Limited, Notified Body number 0359 in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and of the Council dated 26 February 2014, certifies that the product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Annex II of the Directive.
- Compliance with the Essential Health and Safety Requirements has been assured by compliance with EN 60079-0: 2012+A11: 2013, EN 60079-1: 2014 and EN 60079-31: 2014 except in respect of those requirements referred to within item 14 of the Schedule.
- If the sign "X" is placed after the certificate number, it indicates that the product is subject to the special conditions of use specified in the Schedule to this certificate.
- This EU-Type Examination Certificate relates only to the design and construction of the specified product. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.
- The marking of the product shall include the following:

II 2 G Ex db IIB T6 Gb



II 2 D Ex tb IIIB T85°C Db IP66

-40°C ≤ Ta ≤ 70°C

Certification Officer: 
Todd L. Relyea

Date: 05 March 2020

SCHEDULE:

EU-Type Examination Certificate Number: ITS17ATEX12867X – Issue 01

11. Description of Equipment or Protective System

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

12. Report Number

Intertek Report: 103253330CRT-002a Dated: 20 February 2020.

13. Special Conditions of Certification

(a). Special Conditions of Use

- Flamepaths are not intended to be repaired.
- All enclosure entries must be sealed with an appropriately rated Ex db and Ex tb sealing device.
- Use only a damp cloth to reduce static build-up during cleaning.

(b). Conditions of Manufacture - Routine Tests

Enclosure incorporating a welded construction per EN 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.

14. Essential Health and Safety Requirements (EHSRs)

The relevant Essential Health and Safety Requirements (EHSRs) have been identified and assessed in Intertek Report: 103253330CRT-002a Dated: 20 February 2020.

SCHEDULE:

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15. Drawings and Documents

Title:	Drawing No.:	Rev. Level:	Date:
NAMEPLATE, XAE*	MW550003	E	02/17/2020
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	G	02/17/2020
DRIVE SLEEVE. OUTER, PULSA-XAE	W215371	B	04/18/2017
Installation, Operation & Maintenance Manual*	IOM-CTL-XAE-2007	D	02/20/2020
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	A	04/11/2019
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.*

16. Details of Certificate Changes

Issue 1:

- Revised drawing MW550003 from revision B to E
- Revised drawing MW910001 from revision F to G
- Revised drawing IOM-CTL-XAE-2007 from revision C to D