



# 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.:	<b>IECEX UL 14.0118X</b>	Page 1 of 4	<u>Certificate history:</u>
Status:	<b>Current</b>	Issue No: 7	Issue 6 (2024-08-15)
Date of Issue:	2025-10-30		Issue 5 (2021-03-24)
Applicant:	<b>Pulsafeeder Inc.</b> 2883 Brighton Henrietta Town Line Road Rochester, NY 14623 <b>United States of America</b>		Issue 4 (2019-12-16)
Equipment:	<b>Pulsalarm Pressure Leak Detection Switch</b>		Issue 3 (2017-08-25)
Optional accessory:			Issue 2 (2016-06-29)
Type of Protection:	<b>Flameproof "db", Dust Ignition Protection by Enclosure "tb"</b>		Issue 1 (2016-03-18)
Marking:	Ex db IIB T5 Gb		Issue 0 (2015-03-31)
	Ex tb IIIC T100°C Db		
	-20°C to +40°C		

Approved for issue on behalf of the IECEx  
Certification Body:

**Lucy Frieders**

Position:

**Staff Engineer**

Signature:  
(for printed version)

Date:  
(for printed version)

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.
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Certificate issued by:

**UL Solutions (US)**  
333 Pfingsten Road  
Northbrook IL 60062-2096  
**United States of America**





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

Manufacturing locations: **Pulsafeeder Inc.**  
2883 Brighton Henrietta Town Line Road  
Rochester, NY 14623  
**United States of America**

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](#) Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"  
Edition:7.0

[IEC 60079-31:2022](#) Explosive atmospheres – Part 31: Equipment dust ignition protection by enclosure "t"  
Edition:3.0

[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/UL/ExTR14.0153/00](#)  
[US/UL/ExTR14.0153/03](#)  
[US/UL/ExTR14.0153/06](#)

[US/UL/ExTR14.0153/01](#)  
[US/UL/ExTR14.0153/04](#)  
[US/UL/ExTR14.0153/07](#)

[US/UL/ExTR14.0153/02](#)  
[US/UL/ExTR14.0153/05](#)

### Quality Assessment Report:

[US/UL/QAR14.0015/08](#)



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**EQUIPMENT:**

Equipment and systems covered by this Certificate are as follows:

The Pulsalarm pressure leak detection switch is a flameproof pressure switch intended to be used with process lines that exhibit ambient temperatures identical to the equipment ambient temperature range. The switch is normally under zero (atmospheric) pressure, and when a leak is detected in the form of a pressure increase in excess of 7 psig (0.48bar), a diaphragm operates the switch. It is intended to be used with a mechanically actuated pump.

**Please see Annex for additional information.**

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

Please refer to the installation manual for instructions on minimizing the risk of electrostatic discharge.



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

Issue 1: Correction to the temperature class for gas and the maximum surface temperature for dust in the installation manual.

Issue 2: Update drawing NP430012 to reflect the changes in the identification material and provide closer compliance to IEC 80079-34 Clause 7.1 and Annex B.

Issue 3: Minor drawing updates that do not affect the safety critical aspects of the equipment.

Issue 4: Documentation updates and update IEC 60079-1, 6th Ed. to 7th Ed. and IEC 60079-31, 1st Ed. to 2nd Ed.

Issue 5: Editorial update to the assembly and enclosure drawings, as well as a marking plate drawing update. Drawing updates do not affect general requirements or the relevant protection methods.

Issue 6: Minor drawing updates. Update of IEC 60079-0 standard to latest edition.

Issue 7: Standard edition update for IEC 60079-31.

## **Annex:**

[Annex to IECEx UL 14.0118X Issue 7.pdf](#)

Annex to Certificate No.:

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## PARAMETERS RELATING TO THE SAFETY

115 VAC, 1A

## MARKING

Marking has to be readable and indelible; it has to include the following indications:

