



# 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 12.0001X</b>	Page 1 of 4	<u>Certificate history:</u>
Status:	<b>Current</b>	Issue No: 3	<a href="#">Issue 2 (2021-07-29)</a>
Date of Issue:	2024-05-30		<a href="#">Issue 1 (2018-07-30)</a>
Applicant:	<b>Migatron Corporation</b> 935 Dieckman Street Woodstock, IL 60098 <b>United States of America</b>		<a href="#">Issue 0 (2012-10-26)</a>
Equipment:	<b>Intrinsically Safe Ultrasonic Sensor, RPS-409A-abcd-IS2-efgh and RPS-429Ay-abcd-IS2-efgh.</b>		
Optional accessory:			
Type of Protection:	<b>Intrinsic Safety "ia"</b>		
Marking:	Ex ia I/IIC T4 Ma/Ga Ex ia IIIC T101°C Da -40°C ≤ Ta ≤ +60°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.
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:

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





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Certificate No.: **IECEX UL 12.0001X**

Page 2 of 4

Date of issue: 2024-05-30

Issue No: 3

Manufacturer: **Migatron Corporation**  
935 Dieckman Street  
Woodstock, IL 60098  
**United States of America**

Manufacturing  
locations: **Migatron Corporation**  
935 Dieckman Street  
Woodstock, IL 60098  
**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 60079-11:2011** Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"  
Edition:6.0

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/ExTR12.0001/00**  
**US/UL/ExTR12.0001/03**

**US/UL/ExTR12.0001/01**

**US/UL/ExTR12.0001/02**

### Quality Assessment Report:

**US/UL/QAR11.0011/08**



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Annex to Certificate No.:

IECEx UL 12.0001X

Issue No.: 2

Page 3 of 3

## MARKING

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

### RPS-409A Series

IECEx UL 12.0001X  $-40^{\circ}\text{C} \leq T_a \leq +60^{\circ}\text{C}$  **Migatron Corp.**  
Ex ia I/IIC T4 Ma/Ga Warning: See User Manual  
Ex ia IIIC T101°C Da IP67 **RPS-409A-abcd-IS2-efgh**  
DEMKO 12 ATEX 1103028X  
CE 0539 Ex IM1 [ Note 1 ] c UL TCode T4  
II 1 GD [ Note 2 ] US LISTED  
Exia 4LA1  
Proc. Cont. Eq. for use in CL I, GPS A,B,C,D; CL II, GPS E,F,G; CL III hazardous  
locations. Intrinsically Safe when installed per Control Dwg. No. Ex05021114

### RPS-429A Series

IECEx UL 12.0001X  $-40^{\circ}\text{C} \leq T_a \leq +60^{\circ}\text{C}$  **Migatron Corp.**  
Ex ia I/IIC T4 Ma/Ga Warning: See User Manual  
Ex ia IIIC T101°C Da IP66/IP67 **RPS-429Ay-abcd-IS2-efgh**  
DEMKO 12 ATEX 1103028X  
CE 0539 Ex IM1 [ Note 1 ] Exia c UL TCode T4  
II 1 GD [ Note 2 ] US LISTED  
E226209  
Proc. Cont. Eq. for use in CL I, GPS A,B,C,D; CL II, GPS E,F,G; CL III hazardous  
locations. Intrinsically Safe when installed per Control Dwg. No. Ex202303060