



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

Certificate No.: IECEx CSA 12.0018 Issue No: 0 Certificate history:  
Issue No. 0 (2012-10-25)

Status: **Current** Page 1 of 3

Date of Issue: **2012-10-25**

Applicant: **Automation Products Group, Inc.**  
1025 W 1700 N Logan, Utah, 84321  
**United States of America**

Electrical Apparatus: **4-20mA Pressure Transmitter (PT-400-L1)**  
*Optional accessory:*

Type of Protection: **Ex ia**

Marking: 

Ex ia IIB T4 Ga Ta: -40°C to +85°C
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*Approved for issue on behalf of the IECEx  
Certification Body:*

Dorin Stochitoiu

*Position:*

Technical Advisor

*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 the [Official IECEx Website](http://www.iecex.com).

Certificate issued by:

**CSA International**  
**178 Rexdale Boulevard**  
**Toronto, Ontario M9W 1R3**  
**Canada**  
**and**  
**1707 - 94th Street**  
**Edmonton, AB T6N 1E6**  
**Canada**





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Manufacturer: **Automation Products Group, Inc.**  
1025 W 1700 N Logan, Utah, 84321  
**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** Explosive atmospheres - Part 0: General requirements  
Edition:6.0  
**IEC 60079-11 : 2011** Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"  
Edition:6.0

*This Certificate **does not** indicate compliance with 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:

[CA/CSA/ExTR12.0019/00](#)

Quality Assessment Report:

[CA/CSA/QAR08.0012/03](#)



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## Schedule

### EQUIPMENT:

*Equipment and systems covered by this certificate are as follows:*

The PT-400-L1-Pressure Range-BBBB-CC-DDD-EE-FF-GG-HH-JJ Pressure Transmitter consists of encapsulated electronics on a printed circuit board which connects to a silicon piezoresistive strain gage mounted in a single piece, stainless steel diaphragm. The encapsulated electronics and the strain gage are fitted inside a cylindrical stainless steel enclosure. External electrical connections are made to the connector fitted at one end.

The equipment has the following safety description (Entity Parameters):

U<sub>i</sub> = 28V  
I<sub>i</sub> = 110mA  
P<sub>i</sub> = 0.77W  
C<sub>i</sub> = 0.055µF  
L<sub>i</sub> = 7.95µH

**CONDITIONS OF CERTIFICATION: NO**