



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

Certificate No.: IECEx CSA 16.0017X

Issue No: 1

Certificate history:

Issue No. 1 (2016-11-03)

Issue No. 0 (2016-05-05)

Status: **Current**

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Date of Issue: **2016-11-03**

Applicant: **Connection Technology Center, Inc**
7939 Rae Boulevard
Victor NY 14564
United States of America

Equipment: **PRO Series and Bently Compatible Series Proximity Probe Assemblies**

Optional accessory:

Type of Protection: **Ex ia**

Marking:

Ex ia IIC T4/T5 Ga

T4 for Tamb:-45C to 100C

T5 for Tamb:-35C to 85C

*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 Group
178 Rexdale Boulevard
Toronto, Ontario M9W 1R3
Canada





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Manufacturer: **Connection Technology Center, Inc**
7939 Rae Boulevard
Victor NY 14564
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/ExTR15.0052/00](#) [CA/CSA/ExTR15.0052/01](#)

Quality Assessment Report:

[CA/CSA/QAR08.0011/05](#)



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

The PRO and Bently Compatible Series of Proximity Probe Assemblies consist of a Driver, a Probe, and an optional Extension Cable. Each of the two Series has unique model codes for the Drivers, the Extension Cables and the Probes but only the calibration differs between the two product lines. The PRO (DD* Series) and Bently compatible (DX* Series) of Drivers can be ordered with different calibrations for different probe types. The Driver aluminum enclosure measures 25 mm wide x 87mm x 84mm and has three External connectors - a brass SMA connector for connecting the extension Cable/Probe, a BNC output (not used in Hazardous Location applications), and a 4 position Terminal Block that interfaces to a Group IIC IS barrier.

The Probe connects to the SMA connector on the Driver through the optional extension cable. The PRO DP100* Series and Bently compatible DX330* Series of Probes are provided with or without armor. The Probes are up to 12m long and come in 4 probe tip diameter sizes of 5 mm, 8mm, 11mm, and 25mm. The PRO DC100* Series and Bently compatible DX330* Series are Extension Cables up to 11M long, with or without armor.

SPECIFIC CONDITIONS OF USE: YES as shown below:

Avoid electrostatic charges (on unarmored cable to the Proximity Probe). Do not rub or clean with solvents.

Parts may contain excess aluminum. For processes requiring EPL Ga rated equipment, suitability for use must be determined by the end user to eliminate ignition hazard due to impact or friction.



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

Issue 1: Administrative update to remove TM indicator, as requested by applicant.