



Certificate of Compliance

Certificate: 70105641

Master Contract: 248090

Project: 70105641

Date Issued: 2017-01-27

Issued to: Ecom Instruments GmbH
Industriestrasse 2
Assamstadt, Baden-Württemberg 97959
GERMANY
Attention: Kevin Spence

The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US or with adjacent indicator 'US' for US only or without either indicator for Canada only.



Issued by: *Jihan Gunaratne*
Jihan Gunaratne

PRODUCTS

CLASS - C225803 - PROCESS CONTROL EQUIPMENT - Intrinsically Safe and Non-Incendive Systems - For Hazardous Locations

CLASS - C225883 - PROCESS CONTROL EQUIPMENT- Intrinsically Safe and Non-Incendive-Systems-For Hazardous Locations-Certified to U.S. Standards

Class I, II, III, Division 1 Groups A-G, T4

Class 1, Zone 1, AEx ia IIC T4 Gb

Ex ia IIC T4 Gb

Class II, Zone 21, AEx ia IIC T125°C Db IP64

Ex ia IIC T125°C Db IP64

Intrinsically Safe Bluetooth Beacon – Model Loc-Ex 01

Model Loc-Ex 01- battery powered, intrinsically safe beacon Bluetooth communicator.

Ambient Temperature Range of -20°C to +55°C. Intrinsically safe when used per control drawing 500037EX04A.



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APPLICABLE REQUIREMENTS

CSA Standard C22.2 No. 0-10	- General Requirements Canadian Electrical Code Part II
CSA Standard C22.2 No. 0.4-04 (R2009)	- Bonding and Grounding of Electrical Equipment (Protective Grounding)
CAN/CSA C22.2 No. 60950-1-07 + A1:2011	- Information Technology Equipment - Safety - Part 1: General Requirements
CAN/CSA-60079-0-15	- Electrical apparatus for explosive gas atmospheres; Part 0: General requirements
CAN/CSA-60079-11-14	- Electrical apparatus for explosive gas atmospheres; Part 11: Intrinsic safety "i"
CAN/CSA-C22.2 No. 60529-16	- Degrees of protection provided by enclosures (IP code)
ANSI/UL 60950-1-2011	- Information Technology Equipment - Safety - Part 1: General Requirements
UL Standard No. 913, 8th Edition	- Intrinsically Safe Apparatus and Associated Apparatus for Use In Class I, II and III, Division 1, Hazardous Locations
UL 60079-0, 6th Edition	- Electrical Apparatus for Explosive Gas Atmospheres – Part 0: General Requirements
UL 60079-11, 6th Edition	- Electrical Apparatus for Explosive Gas Atmospheres Part 11: Intrinsic Safety "i"
ANSI/IEC 60529:2004	- Degrees of Protection Provided by Enclosures (IP Code)

MARKINGS

See CSA report



Supplement to Certificate of Compliance

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*The products listed, including the latest revision described below,
are eligible to be marked in accordance with the referenced Certificate.*

Product Certification History

Project	Date	Description
70105641	2017-01-27	New North American Certification of Bluetooth Beacon Model Loc-Ex-01 as Intrinsically Safe for Class I,II,III Groups A-G, Zone 1, Ex ia IIC and Zone 21, AEx ia IIC. Based on acceptance of IECEx Test Report.