Certificate of Compliance

Certificate: 1607903 **Master Contract:** 154155 (068691_0_000)

Project: 70096982 **Date Issued:** 2017-07-14

Issued to: **Westlock Controls Corporation**
280 North Midland Ave Suite 258
Saddle Brook, New Jersey 07663
USA

Attention: Anthony R. Paolini

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: Aisha Sreenath
Aisha Sreenath

PRODUCTS

CLASS - C225882 - PROCESS CONTROL EQUIPMENT-For Hazardous Locations - Certified to US Standards
CLASS - C225802 - PROCESS CONTROL EQUIPMENT-For Hazardous Locations-

Ex nA IIC T4 Gc:
Class I, Zone 2; AEx nA IIC T4 Gc:
Class I, Division 2, Groups A, B, C, D T4; Class II, Division 1, Groups E, F, G; Class III; Type 4X; IP 67:

DEPIC, Model D410 Non-Contact Position Transmitter; supply 10-30 Vdc and 4-20mA ; Aux supply 24 -30 Vdc and 100 mA max; Temp. Code T4; Ambient - 50 Deg. C to + 85 Deg. C.

DEPIC, Model D420 Non-Contact Position Transmitter; supply 10-30 Vdc, 4-20mA; Temp. Code T4; Ambient - 50 Deg. C to + 85 Deg. C.

DEPIC, Model F410 and F420 Non-Contact Position Transmitter; supply 9-32 Vdc, 25mA; Temp. Code T4; Ambient - 50 Deg. C to + 85 Deg. C.

Ex d IIB+H2 T5 Gb:
Class I, Zone 1; AEx d IIB+H2 T5 Gb:
Class I, Division 1, Groups B, C, D T5; Class II, Division 1, Groups E, F, G; Class III; Type 4X; IP 67:

DEPIC Model D410 Non-Contact Position Transmitter; supply 10-30 Vdc, 4-20mA; Aux supply 24 -30 Vdc and 100 mA max; Temp. Code T5; - Ambient - 50 Deg. C to + 85 Deg. C.

DEPIC Model D420 Non-Contact Position Transmitter; supply 10-30 Vdc, 4-20mA; Temp. Code T5; - Ambient - 50 Deg. C to + 85 Deg. C.

DEPIC, Model F410 and F420 Non-Contact Position Transmitter; supply 9-32 Vdc, 25mA; Temp. Code T5; Ambient - 50 Deg. C to + 85 Deg. C.

Notes:

1. Only models D410 and D420 have been investigated to comply with the requirements of CSA 61010-1-12.
2. Models D410 and D420 are permanently connected, have Pollution Degree 4, and have continuous mode of operation.
3. Models D410 and D420 are used in the following environment conditions: indoor and outdoor use, wet locations, altitude up to 2000 m and relative humidity of more than 80%.

Conditions of certification

1) Models D410 and D420 must be supplied by a Class 2 or limited-energy sources in accordance with CSA 61010-1-12 where the input terminal J1 is limited to maximum 30Vdc and 28 mA and input terminal J6 is limited to maximum 30Vdc and 100 mA

APPLICABLE REQUIREMENTS

C22.2 No. 0-10	-	General Requirements – Canadian Electrical Code, Part II
C22.2 No. 25-1966	-	Enclosures for Use in Class II, Groups E, F and G Hazardous Locations
C22.2 No. 30-M1986	-	Explosion-Proof Enclosures for Use in Class I Hazardous Locations
CAN/CSA-C22.2 No. 94-M91	-	Special Purpose Enclosures
C22.2 No. 142-M1987 (for models F410 and F420)	-	Process Control Equipment
C22.2 No. 61010-1-12 (for models D410 and D420)	-	Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 1: General requirements - Third Edition
C22.2 No. 213-M1987	-	Non-Incendive Electrical Equipment for Use in Class I, Division 2 Hazardous Locations
CAN/CSA-C22.2 No. 60079-0:11	-	Explosive Atmospheres - Part 0: Equipment - General

		requirements
CAN/CSA-C22.2 No. 60079-1:11	-	Explosive Atmospheres – Part 1: Equipment protection by flameproof enclosures "d"
CAN/CSA-C22.2 No. 60529:05	-	Degrees of protection provided by enclosures (IP Code)
UL 50 (11th Ed.)	-	Enclosures for Electrical Equipment
UL 916 (4th Ed.)	-	Energy Management Equipment
UL 1203 (4th Ed.)	-	Explosion-Proof and Dust-Ignition-Proof Electrical Equipment for Use in Hazardous (Classified) Locations
UL 1604 (3rd Ed.)	-	Electrical Equipment for Use in Class I and II, Division 2; Class III Hazardous (Classified) Locations
ANSI/ISA 12.12.01-2007	-	Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations
ANSI/UL 60079-0:09	-	Electrical Apparatus for Explosive Gas Atmospheres - Part 0: General Requirements
ANSI/UL 60079-1:09	-	Electrical Apparatus for Explosive Gas Atmospheres - Part 1: Flameproof Enclosures “d”
ANSI/IEC 60529:2004	-	Degrees of Protection Provided by Enclosures (IP Code)
CAN/CSA C22.2 No. 60079-15:12	-	Electrical apparatus for explosive gas atmospheres - Part 15: Construction, test and marking of type of protection “n” electrical apparatus
ANSI/UL-60079-15:2009	-	Electrical Apparatus for Explosive Gas Atmospheres – Part 15: Type of Protection “n”

Supplement to Certificate of Compliance

Certificate: 1607903 **Master Contract:** 154155 (068691_0_000)

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
70096982	2017-07-14	Update Report 1607903 to replace PCB on models D410 and D420 and to assess the option of using additional field wiring connections for model D410.
2484263	2012-11-22	Update to add Model F410 Non-Contact Position Transmitter and to cover testing of revised enclosure design for Zone 2 requirements.
2346913	2011-03-08	Update to include new cover design for Mod D410.
2169761	2009-09-17	Update report 1607903 to revise descriptive documents list and add factory F2
1722825	2006-02-20	Update to include Explosion-proof version of Position Transmitter.
1607903	2005-10-17	Model D410 Digital Hart EPIC Non-Contact Position Transmitter for Hazaradous Locations (Div. 2 version)