



Certificate of Compliance

Certificate: 2195633

Master Contract: 159843

Project: 70016229

Date Issued: February 18, 2015

Issued to: Control Microsystems Inc.

415 Legget Drive, Suite 101
Kanata, ON K2K 3R1
Canada

Attention: Michael Gafanovitch

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.



Jelena Dzeletovic

Issued by: Jelena Dzeletovic

PRODUCTS

- CLASS 2258 84** - PROCESS CONTROL EQUIPMENT - Intrinsically Safe, Entity - - For Hazardous Locations - Certified to US Standards
- CLASS 2258 04** - PROCESS CONTROL EQUIPMENT - Intrinsically Safe, Entity - For Hazardous Locations
- CLASS 2258 83** - PROCESS CONTROL EQUIPMENT-Intrinsically Safe and Non-Incendive - Systems-For Hazardous Locations-Certified to U.S. Standards
- CLASS 2258 03** - PROCESS CONTROL EQUIPMENT - Intrinsically Safe and Non - Incendive Systems - For Hazardous Locations
- CLASS 2258 82** - PROCESS CONTROL EQUIPMENT - For Hazardous Locations - Certified to US Standards
- CLASS 2258 02** - PROCESS CONTROL EQUIPMENT - For Hazardous Locations

Class I, Div 1, Groups A, B, C and D:

- Float Level Wireless Transmitter, Model FL10-aA2dN00-g, FLAd'N00g, battery powered (internal battery pack, type 309012 when d or d' = 2; or type 309013 when d or d' = 4); Temp. Code T4; ambient temperature range -40C to +85C. Suffix a in model code may be any letter denoting frequency range; suffix g may be A or B; model code may be preceded by up to four letters denoting branding.



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- Wireless Analog Current Input and Voltage Input Transmitters, Models AI10-aA2de00-g, AIaAd'e00g, AV10-aA2de00-g, AVaAd'e00g, SI10-aA2de00-g and SIaAd'e00g, battery powered (internal battery pack, type 309035, 309033, 309013, 309012, 309011 or 309007); Temp. Code T4; ambient temperature range -40C to +85C. Suffix a may be any letter denoting frequency range; suffix d or d' may be 1, 2 or 4 denoting battery pack; suffix g may be A, B or D denoting junction box option (where g = D, device is not suitable for Class I, Div. 1, Group A); additional suffixes denote connection options; model code may be preceded by up to four letters denoting branding.

- Base Radio, Model BR10-aX2dN00, BR10aX2dN00, rated 24 V dc, 5 W; Temp. Code T4; ambient temperature range -40C to +85C. Suffix 'a' may be any letter denoting frequency range; suffix d may be any numeral denoting Protocol; model code may be preceded by up to four letters denoting branding.

Class I, Div 2, Groups A, B, C and D:

- Turbine Meter Wireless Transmitter, Model TM10-aJ11eff-ghhij, TMAJd'effghhij, battery powered (internal battery pack, type SSABatteryPackCCell or 309045); Temp. Code T4; ambient temperature range -40C to +85C. Suffix a in model code may be any letter denoting frequency range; suffix d' may be P or I denoting enclosure type, suffix hh may be 00, 01 or 02 denoting sensor option; additional suffixes denote connection, antenna and junction box options; model code may be preceded by up to four letters denoting branding.

- Float Level Wireless Transmitter, Model FL10-abcdNff-A, FLAbd'NffA, battery powered (internal battery pack, type SSABatteryPackCCell or 309045; when suffixes c = d = 1, or d' = P, or d'=1; type 309035 when suffix c = 2 and d = 1 or d' = 1; type 309011 when c = 2 and d = 2 or d' = 2; or type 309007 when c = 2 and d = 4 or d' = 4); Temp. Code T4; ambient temperature range -40C to +85C. Suffix a in model code may be any letter denoting frequency range; suffix b may be E or J; suffix ff may be any combination of two numerals denoting antenna options; model code may be preceded by up to four letters denoting branding.

- Differential Pressure Wireless Transmitter, Model DP20-aJ11eff-ghhhh-i, DPAJd'effghhhhhi, battery powered (internal battery pack, type SSABatteryPackCCell or 309045); Temp. Code T4; ambient temperature range -40C to +85C; max. working pressure 3000 psi. Suffix a in model code may be any letter denoting frequency range, suffix d' may be P or I denoting enclosure type; additional suffixes denote connection, antenna, and sensor options; model code may be preceded by up to four letters denoting branding.

- Wireless Analog Current Input and Voltage Input Transmitters, Models AI10-aA2deff-g, AIaAd'effg, AV10-aA2deff-g, AVaAd'effg, SI10-aA2deff-g and SIaAd'effg, battery powered (internal battery pack, type 309035, 309033, 309013, 309012, 309011 or 309007); Temp. Code T4; ambient temperature range -40C to +85C. Suffix a may be any letter denoting frequency range; suffix d or d' may be 1, 2 or 4 denoting battery pack; suffix g may



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be A, B or D denoting junction box option; additional suffixes denote connection and antenna options; model code may be preceded by up to four letters denoting branding.

- Base Radio, Model BR10-aX2dN00, BR10aX2dN00, rated 24Vdc, 5W; Temp. Code T4; ambient temperature range -40C to +85C. Suffix a may be any letter denoting frequency range; suffix d may be any numeral denoting Protocol; model code may be preceded by up to four letters denoting branding.

Class I, Div 2, Groups A, B, C and D; Class II, Div. 2, Groups, F and G; Class III:

- Acoustic Monitor Wireless Transmitter, Model AM20-aJ11Nff, AMaJPNff, battery powered (internal battery pack, type SSABatteryPackCCell or 309045); Temp. Code T4; ambient temperature range -40C to +85C. Suffix a in model code may be any letter denoting frequency range; suffix ff may be any combination of two numerals denoting antenna options; model code may be preceded by up to four letters denoting branding.

- Wireless Pressure Transmitters, Models GP10-aJ11eff-ghhh-i, GPaJd'effghhhi, AP10-aJ11eff-ghhh-i, APaJd'effghhhi, GL10-aJ11eff-ghhh-i and GLaJd'effghhhi, battery powered (internal battery pack, type SSABatteryPackCCell or 309045); Temp. Code T4; ambient temperature range -40C to +85C; MWP 15, 000 psi (GP), 10,000 psi (GL), 250 psi (AP). Suffix a may be any letter denoting frequency range; suffix d' may be P or 1 denoting enclosure type; suffix i may be A or D denoting junction box option; additional suffixes denote connection options, antenna options, sensor mounting and pressure range; model code may be preceded by up to four letters denoting branding.

- Wireless Submersible Level Transmitter, Models SL10-aJ11eff-ghhh-I, SLaJd'effghhhi, battery powered (internal battery pack, type SSABatteryPackCCell or 309045); Temp. Code T4; ambient temperature range -40C to +85C; MWP 30 psi. Suffix a may be any letter denoting frequency range; suffix d' may be P or 1 denoting enclosure type; suffix i may be A or D denoting junction box option; additional suffixes denote connection options, antenna options, sensor mounting and pressure range; model code may be preceded by up to four letters denoting branding.

- Wireless Temperature Transmitters, Models TC10-aJ11eff-ghijjj, TCaJd'effghijjj, RT10-aJ11eff-ghijjj and RTaJd'effghijjj, battery powered (internal battery pack, type SSABatteryPackCCell or 309045); Temp. Code T4; ambient temperature range -40C to +85C. Suffix a may be any letter denoting frequency range; suffix d' may be P or 1 denoting enclosure type; suffix g may be S, A, B or D denoting junction box option (where g = B, device is not suitable for Class II and III); additional suffixes denote connection options, antenna options, sensor mounting, type and probe length; model code may be preceded by up to four letters denoting branding.



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- Wireless Analog Current Input, Voltage Input and Switch Input Transmitters, Models AI10-aE11eff-g, AIaEd'effg, AI10-aJ11eff-g, AIaJd'effg, AV10-aE11eff-g, AVaEd'effg, AV10-aJ11eff-g, AVaJd'effg, SI10-aE11eff-g, SIaEd'effg, SI10-aJ11eff-g and SIaJd'effg, battery powered (internal battery pack, type SSABatteryPackCCell or 309045); Temp. Code T4; ambient temperature range -40C to +85C. Suffix a may be any letter denoting frequency range; suffix d' may be P or I denoting enclosure type; suffix g may be A, B or D denoting junction box option (where g = B, device is not suitable for Class II and III); additional suffixes denote connection and antenna options; model code may be preceded up to four letters denoting branding.

- Wireless Analog Current Input and Voltage Input Transmitters, Models AI10-aE2deff-g, AIaEd'effg, AI10-aJ2deff-g, AIaJd'effg, AV10-aE2deff-g, AVaEd'effg, AV10-aJ2deff-g, AVaJd'effg, SI10-aE2deff-g, SIaEd'effg, SI10-aJ2deff-g and SIaJd'effg, battery powered (internal battery pack, type 309035, 309011 or 309007); Temp. Code T4; ambient temperature range -40C to +85C. Suffix 'a' may be any letter denoting frequency range; suffix d or d' may be 1, 2 or 4 denoting battery pack; suffix g may be A, B or D denoting junction box option (where g = B, device is not suitable for Class II and III); additional suffixes denote connection and antenna options; model code may be preceded by up to four letters denoting branding.

Class I, Div 1, Groups A, B, C and D:

Class I, Div 2, Groups A, B, C and D:

- Wireless Valve Controller Transmitter, Model VC10-aA24Nff and VCaA4Nff, battery powered (internal battery pack type 309013). Temperature Code T4. Ambient temperature range -30C to +60C; Suffix a in model code may be any letter denoting frequency range; suffix ff may be any combination of two numerals denoting antenna options; model code may be preceded by up to four letters denoting branding.

CLASS 2258 03 - PROCESS CONTROL EQUIPMENT - Intrinsically Safe and Non-Incendive Systems - For Hazardous Locations

CLASS 2258 83 - PROCESS CONTROL EQUIPMENT - Intrinsically Safe and Non-Incendive Systems - For Hazardous Locations - CERTIFIED TO U.S. STANDARDS

Exia IIC; AEx ia IIC:

Class I, Div 1, Groups A, B, C and D:



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- Turbine Meter Wireless Transmitter, Model TM10-aJ11eff-ghhij, TMaJd'effghhij, battery powered (internal battery pack, type SSABatteryPackCCell or 309045); Temp. Code T3; ambient temperature range -40C to +85C. Suffix a in model code may be any letter denoting frequency range; suffix d' may be P or 1 denoting enclosure type; suffix hh may be 00, 01 or 02 denoting sensor option; additional suffixes denote connection, antenna, sensor mounting and junction box options; model code may be preceded by up to four letters denoting branding.

Exia IIC; AEx ia IIC:

Class I, Div 1, Groups A, B, C and D; Class II, Div. 1, Groups E,F,G; Class III:

- Acoustic Monitor Wireless Transmitter, Model AM20-aJ11Nff, AMaJPNff, battery powered (internal battery pack, type SSABatteryPackCCell or 309045); Temp. Code T3; ambient temperature range -40C to +85C. Suffix a in model code may be any letter denoting frequency range; suffix ff may be any combination of two numerals denoting antenna options; model code may be preceded by up to four letters denoting branding.

CLASS 2258 04 - PROCESS CONTROL EQUIPMENT - Intrinsically Safe Entity - For Hazardous Locations

CLASS 2258 84 - PROCESS CONTROL EQUIPMENT - Intrinsically Safe Entity - For Hazardous Locations - CERTIFIED TO U.S. STANDARDS

Exia IIC; AEx ia IIC:

Class I, Div 1, Groups A, B, C and D:

- Turbine Meter Wireless Transmitter, Model TM10-aJ11eff-g00ij, TMaJd'effg00ij, battery powered (internal battery pack, type SSABatteryPackCCell or 309045); Temp. Code T3; ambient temperature range -40C to +85C; provides intrinsically safe output for connection to Certified devices per installation drawing 3040-0147. Entity parameters are: Voc (Uo) = 3.9 V; Isc (Io) = 1 mA; Ca (Co) = 95 uF; La (Lo) = 5 H; Vmax (Ui) = 5 V; Imax (Ii) = 10 mA; Ci = 5 uF; Li = 0. Suffix a in model code may be any letter denoting frequency range; suffix d' may be P or 1 denoting enclosure type; additional suffixes denote connection, antenna, sensor mounting and junction box options; model code may be preceded by up to four letters denoting branding.

- Differential Pressure Wireless Transmitter, Model DP20-aJ11eff-ghhhh-i, DPaJd'effghhhh-i, battery powered (internal battery pack, type SSABatteryPackCCell or 309045); intrinsically safe with entity parameters when installed per drawing 3040-0148; Temp. Code T3; ambient temperature range -40C to +85C; max. working



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pressure 3000 psi. Suffix a in model code may be any letter denoting frequency range; suffix d' may be P or I denoting enclosure type; additional suffixes denote connection, antenna, and sensor options; model code may be preceded by up to four letters denoting branding.

Exia IIC; AEx ia IIC:

Class I, Div 1, Groups A, B, C and D; Class, II, Div. 1, Groups E,F,G; Class III:

- Wireless Pressure Transmitters, Models GP10-aJ11eff-ghhh-i, GPaJd'effghhhi, AP10-aJ11eff-ghhh-i, APaJd'effghhhi, GL10-aJ11eff-ghhh-i and GLaJd'effghhhi, battery powered (internal battery pack, type SSABatteryPackCCell or 309045); intrinsically safe with entity parameters when installed per drawing 3040-0148; Temp. Code T3; ambient temperature range -40C to +85C; MWP 15,000 psi (GP), 10,000 psi (GL), 250 psi (AP). Suffix a may be any letter denoting frequency range; suffix d' may be P or I denoting enclosure type; suffix i may be A or D denoting junction box option; additional suffixes denote connection options, antenna options, sensor mounting and pressure range; model code may be preceded by up to four letters denoting branding.

- Wireless Submersible Level Transmitter, Models SL10-aJ11eff-ghhh-i, SLaJd'effghhhi, battery powered (internal battery pack, type SSABatteryPackCCell or 309045); intrinsically safe with entity parameters when installed per drawing 3040-0148; Temp. Code T3; ambient temperature range -40C to +85C; MWP 30 psi. Suffix a may be any letter denoting frequency range; suffix d' may be P or I denoting enclosure type; suffix i may be A or D denoting junction box option; additional suffixes denote connection options, antenna options, sensor mounting and pressure range; model code may be preceded by up to four letters denoting branding.

- Wireless Temperature Transmitters, Models TC10-aJ11eff-ghijj, TCaJd'effghijj, RT10-aJ11eff-ghijj and RTaJd'effghijj, battery powered (internal battery pack, type SSABatteryPackCCell or 309045); intrinsically safe with entity parameters when installed per drawing 3040-0145 (TC10) or 3040-0144 (RT10); Temp. Code T3; ambient temperature range -40C to +85C. Suffix a may be any letter denoting frequency range; suffix d' may be P or I denoting enclosure type; suffix g may be S, A, B or D denoting junction box option (where g = B, device is not suitable for Class II and III); additional suffixes denote connection options, antenna options, sensor mounting, type and probe length; model code may be preceded by up to four letters denoting branding.

- Wireless Analog Current Input, Voltage Input and Switch Input Transmitters, Models AI10-aJ11eff-g, AIaJd'effg, AV10-aJ11eff-g, AVaJd'effg, SI10-aJ11eff-g and SIaJd'effg, battery powered (internal battery pack, type SSABatteryPackCCell or 309045); intrinsically safe with entity parameters when installed per drawing 3040-0141 (AI10), 3040-0142 (AV10) or 3040-0143 (SI10); Temp. Code T3; ambient temperature range -40C to +85C. Suffix a may be any letter denoting frequency range; suffix d' may be P or I denoting enclosure type; suffix g may be A, B or D denoting junction box option (where g = B, device is not suitable for Class II and III);



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additional suffixes denote connection and antenna options; model code may be preceded by up to four letters denoting branding.

- Wireless Analog Current Input and Voltage Input Transmitters, Models AI10-aJ2deff-g, AIaJd'effg, AV10-aJ2deff-g, AVaJd'effg, SI10-aJ2deff-g and SIaJd'effg, battery powered (internal battery pack, type 309035, 309011 or 309007); intrinsically safe with entity parameters when installed per drawing 3040-0141 (AI10), 3040-0142 (AV10) or 3040-0143 (SI10); Temp. Code T3; ambient temperature range -40C to +85C. Suffix a may be any letter denoting frequency range; suffix d or d' may be 1, 2 or 4 denoting battery pack; suffix g may be A, B or D denoting junction box option (where g = B, device is not suitable for Class II and III); additional suffixes denote connection and antenna options; model code may be preceded by up to four letters denoting branding.

Exia IIA; AEx ia IIA:

Class I, Div 1, Group D:

- Float Level Wireless Transmitter, Model FL10-aJcdNff-A, FLaJd'NffA, battery powered (internal battery pack, type SSABatteryPackCCell or 309045 when suffix c = d = 1 or d' P or d' =M, type 309035 when suffix c = 2 and d = 1 or d' = 1; type 309011 when c =2 and d = 2 or d' = 2; or type 309007 when c =2 and d = 4 or d' = 4); Temp. Code T4 (T3 when used with SSABatteryPackCCell battery or 309045); ambient temperature range -40C to +85C; provides intrinsically safe output for connection to Certified devices. Entity parameters are: Voc (Uo) = 9.6V; Isc (Io) = 87mA; Ca (Co) = 100uF; La (Lo) = 84mH; Suffix a in model code may be any letter denoting frequency range; suffix ff may be any combination of two numerals denoting antenna options; model code may be preceded by up to four letters denoting branding.

Class I, Div 1, Groups A, B, C and D:

- Wireless Valve Controller Transmitter, Model VC10-aA24Cff and VCaA4Cff, battery powered (internal battery pack type 309013). Controller is explosionproof for Class I, groups A, B, C and D, Temperature. Code T4 or suitable for Class I, Division 2, Groups A, B, C and D Temperature Code T4. Ambient temperature range -30C to + 60C; Controller provides intrinsically safe output for connection to Certified devices per I.S. Installation Drawing 3040-0159. Suffix a in model code may be any letter denoting frequency range; suffix ff may be any combination of two numerals denoting antenna options; model code may be preceded by up to four letters denoting branding.



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APPLICABLE REQUIREMENTS

- CAN/CSA Std. C22.2 No. 0-M91 (R2001) - General Requirements - Canadian Electrical Code, Part II
- CSA Std C22.2 No. 25-1966 Locations - Enclosures for Use in Class II, Groups E, F and G Hazardous Locations
- CSA Std C22.2 No. 30-M1986 Locations - Explosion-Proof Enclosures for Use in Class I Hazardous Locations
- CSA Std C22.2 No.0139-10 - Electrically Operated Valves
- CAN/CSA-C22.2 No. 157-92 Hazardous Locations - Intrinsically Safe and Non-Incendive Equipment for Use in Hazardous Locations
- CSA Std C22.2 No. 213-M1987 2 Hazardous Locations - Non-Incendive Electrical Equipment for Use in Class I, Division 2 Hazardous Locations
- CAN/CSA Std C22.2 No. 94 M1991 - Special Purpose Enclosures
- CAN/CSA-E60079-0:02 General Requirements - Electrical apparatus for explosive gas atmospheres - Part 0:
- CAN/CSA- E60079-11:02 Intrinsic Safety “i” - Electrical apparatus for explosive gas atmospheres - Part 11:
- FMRC 3600 - 1998 General Requirements - Electrical Equipment for Use in Hazardous (Classified) Locations,
- FMRC3610 - 1999 - Intrinsically Safe Apparatus for Use in Class I, II & III, Division 1, and Class I, Zone 0 & 1 Hazardous (Classified) Locations
- FMRC3611 - 1999 - Nonincendive Electrical equipment for Use in Class I and Class II, Division 2, and Class III, Division 1 and 2 Hazardous (Classified) Locations
- FMRC 3615 - 2006 - Explosionproof Electrical Equipment, General Requirements
- UL 429 - 2009 (Ed. 6, Rev. Jan. 6, 2010)- Electrically Operated Valves

MARKINGS

The following markings are applied to the I.S. / Div.2 combined nameplates:

- CSA Mark with the C and US designators
- Certificate number, CSA 2009 2195633
- Manufacturers ID



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- Model number
- Serial number, traceable to date of manufacture
- Battery type
- Hazardous Location designation
- Temperature code rating
- the words, INTRINSICALLY SAFE and the symbol Exia
- reference to I.S. installation drawing number (not required on AM20 and TM10 with integral sensor)
- Ambient temperature range
- the warning, WARNING - SUBSTITUTION OF COMPONENTS MAY IMPAIR SUITABILITY FOR USE IN HAZARDOUS LOCATIONS
- the warning, WARNING - DO NOT OPEN ENCLOSURE WHEN A HAZARDOUS DUST ATMOSPHERE IS PRESENT (required only for devices marked for Class II and III)
- the warning, WARNING: FOR DIV. 2 INSTALLATION, DO NOT CONNECT/DISCONNECT FIELD TERMINALS UNLESS THE AREA IS KNOWN TO BE NON-HAZARDOUS (not required on AM20, TM10 and FL10)

The following marking details appear on the explosionproof FL devices using the XP housing:

- CSA Mark with the C and US designators
- Manufacturers ID
- Model number
- Serial number, traceable to date of manufacture
- Battery type
- Hazardous Location designation
- Temperature code rating
- Ambient temperature range
- the warning, WARNING - DO NOT OPEN ENCLOSURE UNLESS AREA IS KNOWN TO BE NON-HAZARDOUS



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- the warning, WARNING - FOR CLASS I, GROUP A, CONDUIT SEAL IS REQUIRED WITHIN 18 INCHES

The following marking details appear on the Division 2 FL devices using the XP housing:

- CSA Mark with the C and US designators
- Manufacturers ID
- Model number
- Serial number, traceable to date of manufacture
- Battery type
- Hazardous Location designation
- Temperature code rating
- Ambient temperature range
- the warning, WARNING - SUBSTITUTION OF COMPONENTS MAY IMPAIR SUITABILITY FOR USE IN HAZARDOUS LOCATIONS
- the warning, WARNING - DO NOT REPLACE BATTERY UNLESS THE AREA IS KNOWN TO BE NON-HAZARDOUS

The following marking details appear on the explosionproof AI, AV and SI:

- CSA Mark with the C and US designators
- Manufacturers ID
- Model number
- Serial number, traceable to date of manufacture
- Battery type
- Hazardous Location designation
- Temperature code rating
- Ambient temperature range
- the warning, WARNING - DO NOT OPEN ENCLOSURE UNLESS AREA IS KNOWN TO BE NON-HAZARDOUS



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- the warning (for versions without optional junction box), WARNING - FOR CLASS I, GROUP A, CONDUIT SEAL IS REQUIRED WITHIN 18 INCHES

The following marking details appear on the Division 2 only AI, AV and SI:

- CSA Mark with the C and US designators
- Manufacturers ID
- Model number
- Serial number, traceable to date of manufacture
- Battery type
- Hazardous Location designation
- Temperature code rating
- Ambient temperature range
- the warning, WARNING: SUBSTITUTION OF COMPONENTS MAY IMPAIR SUITABILITY FOR USE IN HAZARDOUS LOCATIONS
- the warning, WARNING:DO NOT OPEN ENCLOSURE WHEN A HAZARDOUS DUST ATMOSPHERE IS PRESENT (required only for devices marked for Class II and III)
- the warning, WARNING:DO NOT CONNECT/DISCONNECT FIELD TERMINALS UNLESS THE AREA IS KNOWN TO BE NON-HAZARDOUS

The following marking details appear on the explosionproof BR10:

- CSA Mark with the C and US designators
- Manufacturers ID
- Model number
- Serial number, traceable to date of manufacture
- Electrical rating
- Hazardous Location designation
- Temperature code rating
- Ambient temperature range



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- the warning, WARNING - DO NOT OPEN WHILE CIRCUITS ARE LIVE

- the warning, WARNING - FOR CLASS I, GROUP A, CONDUIT SEAL IS REQUIRED WITHIN 18 INCHES

The following marking details appear on the VC valve controller:

- CSA Mark with the C/US designators

- Manufacturers ID

- Model number

- Serial number, traceable to date of manufacture

- Battery type

- Hazardous Location designation

- Temperature code rating

- Ambient temperature range

- the symbol [Ex ia] (for models with intrinsically safe outputs only)

- reference to I.S. Installation Drawing 3040-0159 (for models with intrinsically safe outputs only)

- the warning, WARNING - DO NOT OPEN ENCLOSURE UNLESS AREA IS KNOWN TO BE NON-HAZARDOUS

- the warning, WARNING - FOR CLASS I, GROUP A, CONDUIT SEAL IS REQUIRED WITHIN 18 INCHES