



Certificate of Compliance

Certificate: 2057676

Master Contract: 243998

Project: 2575734

Date Issued: November 15, 2012

Issued to: NOSHOK, Inc.
1010 West Bagley Road
Berea, OH 44017
USA

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: Jocelyn Jens
Product Group Coordinator

Authorized by: Lindsay Clark
Operations Manager

PRODUCTS

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

CLASS 2258 84 - PROCESS CONTROL EQUIPMENT - Intrinsically Safe, Entity - For Hazardous Locations -
To U.S. Requirements

Class I, Groups A, B, C and D; Class II, Groups E, F and G; Class III
Canadian Zone Designation: Class I, Zone 0, Group IIC; Ex ia; IP65; DIP A20
US Zone Designation: Class I, Zone 0, Zone 20, Group IIC; AEx ia; IP65

Models 625 and 626 Pressure Transmitters, Model 627 Level Probe with up to 10 alphanumeric suffixes denoting mechanical or electrical variations; T-Code T4, T5, T6 with maximum ambient temperatures of 105°C, 80°C, 60°C respectively; Single Seal; intrinsically safe when installed per Drawing 20107, with Entity parameters as follows:

$V_{max} = 30V_{dc}$
 $I_{max} = 100mA$
 $P_i = 1W$
 $C_i = 22nF$
 $L_i = 0.1mH$

Note: All models with the exception of the 627 are covered under the Single Seal evaluation.



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

CLASS 2258 83 - PROCESS CONTROL EQUIPMENT - Intrinsically Safe and Non-Incendive Equipment - For Hazardous Locations - To U.S. Requirements

Class I, Division 2, Groups A, B, C and D; Class II, Division 2, Groups F and G; Class III

Canadian Zone Designation: Class I, Zone 2, Group IIC; Ex nL; IP65; DIP A22

US Zone Designation: Class I, Zone 2, Zone 22, Group IIC; AEx nL; IP65

Models 625 and 626 Pressure Transmitters, Model 627 Level Probe with up to 10 alphanumeric suffixes denoting mechanical or electrical variations; T-Code T4, T5, T6 with maximum ambient temperatures of 105°C, 80°C, 60°C respectively; Single Seal; non-incendive when installed per Drawing 20720, with Field Wiring parameters as follows:

$V_{max} = 30V_{dc}$

$I_{max} = 100mA$

$P_i = 1W$

$C_i = 22nF$

$L_i = 0.1mH$

Note: All models with the exception of the 627 are covered under the Single Seal evaluation.

CLASS 2258 02 - PROCESS CONTROL EQUIPMENT - For Hazardous Locations

CLASS 2258 82 - PROCESS CONTROL EQUIPMENT - For Hazardous Locations - To U.S. Requirements

Class I, Division 2, Groups A, B, C and D

Canadian Zone Designation: Class I, Zone 2, Group IIC; Ex nA; IP65; DIP A22

US Zone Designation: Class I, Zone 2, Zone 22, Group IIC; AEx nA; IP65

Models 625 and 626 Pressure Transmitters, Model 627 Level Probe with up to 10 alphanumeric suffixes denoting mechanical or electrical variations; T-Code T4, T5, T6 with maximum ambient temperatures of 105°C, 80°C, 60°C respectively; Single Seal; suitable for use in Class I, Division 2 when connected via conduit.

Note: All models with the exception of the 627 are covered under the Single Seal evaluation.

Class I, Division 2, Groups A, B, C and D; Class II, Groups E, F and G

Models 623 and 624, Pressure Transmitters, 0-15,000 PSI max, Single Seal, T-Code T5, Type 4X, electrical ratings 30 V dc max, 20 mA max.



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APPLICABLE REQUIREMENTS

CSA Standard C22.2 No. 0-M1991 - General Requirements, Canadian Electrical Code Part II
CSA Standard C22.2 No. 25-M1966 - Enclosure for Use in Class II Groups E,F and G Hazardous Locations
CSA Standard C22.2 No. 94-M1991 - Special Purpose Enclosures
CSA Standard C22.2 No.142-M1987 - Process Control Equipment
CSA Standard C22.2 No. 157-M1992 - Intrinsically Safe and Non-Incendive Equipment for Use in Hazardous Locations
CSA Standard C22.2 No. 213-M1987 - Non-Incendive Electrical Equipment for Use in Class I, Division 2 Hazardous Locations
CAN/CSA E60079-0:07 - Electrical apparatus for explosive gas atmospheres - Part 0: General requirements
CAN/CSA E60079-11:02 - Electrical apparatus for explosive gas atmospheres - Part 11: Intrinsic safety "i"
CAN/CSA E60079-15:02 - Electrical apparatus for explosive gas atmospheres - Part 15: Type of protection "n"
CAN/CSA-E61241-1-1:02 - Electrical apparatus for use in the presence of combustible dust - Part 1-1: Electrical apparatus protected by enclosures and surface temperature limitation - Specification for apparatus
UL Standard 50, Eleventh Edition - Enclosures for Electrical Equipment
UL Standard 508, Seventeenth Edition - Industrial Control Equipment
UL Standard 913, Seventh Edition - Intrinsically Safe Apparatus and Associated Apparatus for use in Class I, II, III, Division 1, Hazardous (Classified) Locations
UL Standard 1604, Third Edition - Electrical Equipment for Use in Class I and II, Division 2, And Class III Hazardous (Classified) Locations.
UL Standard 1203, Fourth Edition - Explosion-Proof and Dust-Ignition-Proof Electrical Equipment for Use in Hazardous (Classified) Locations (used for dust ingress protection requirements)
UL 60079-0, Fourth Edition - Electrical Apparatus for Explosive Gas Atmospheres - Part 0: General Requirements
UL 60079-11, First Edition - Electrical apparatus for explosive gas atmospheres - Part 11: Intrinsic safety "i"
UL 60079-15, First Edition - Electrical Apparatus for Explosive Gas Atmospheres - Part 15: Electrical Apparatus with Type of Protection "n"

MARKINGS (Models 625, 626 & 627)

1. Company's name, trademark, or the CSA Master Contract number (adjacent the CSA Mark).
2. Catalogue / Model designation.
3. Complete electrical rating.
4. Date code / Serial number traceable to month and year of manufacture.
5. Hazardous Location designations.
6. The words "IS per Drawing 20107" (which includes entity parameters).
7. Temperature code T4, T5, T6.
8. Maximum ambient 105°C, 80°C, 60°C.
9. The CSA Mark with C_US qualifiers.
10. The symbol "Ex ia" for intrinsically safe models (Class 2258 04/84 equipment)
11. The symbol "Ex nL" for non-incendive models (Class 2258 03/83 equipment)
12. The symbol "Ex nA" for non-arcing / non-sparking models (Class 2258 02/82 equipment)
13. The symbol "DIP Axx" where xx is either 20 or 22 depending on the Zone rating of the equipment
14. The ingress protection rating
15. Non-Incendive for Class I, Division 2, Groups A, B, C, D (For products listed under class 2258 03/83).



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In addition to the above markings the Models 625 and 626 shall be marked with the following:

1. The term "Single Seal"
2. Process Temperature Range
3. Process Pressure Range

MARKINGS (Models 623 & 624)

1. Company's name, trademark, or the CSA Master Contract number (adjacent the CSA Mark).
2. Catalogue / Model designation.
3. Complete electrical rating.
4. Date code / Serial number traceable to month and year of manufacture.
5. Designation of "Nonincendiver For Class I, Div. 2 Gr A, B, C, D Class II, Div. 1, Gr E, F & G NEMA/ Type 4X with Conduit Sealant".
6. Maximum process pressure rating(s)
7. The text "single Seal".
8. Process Temperature Range.
9. The CSA Mark with C/US qualifiers.

Markings appear on a CSA Accepted adhesive label (nameplate), secured to the outside of the enclosure. The label is Thermalfile MM-200-SM T/C-837 L23, manufactured by FLEXCON Co., Inc.

Note: French Markings for products with CSA Mark or CSA Mark and the C/US indicator are optional.

Jurisdictions in Canada may require markings to be also in French. It is the responsibility of the Customer to provide bilingual marking, where applicable, in accordance with the requirements of the Provincial Regulatory Authorities. It is the responsibility of the Customer to determine this requirement and have bilingual wording added to the "Markings".

Required Method of Marking:

Flexcon and JAC Datapol Polyester adhesive nameplate material.