



Certificate of Compliance

Certificate: 1102298

Master Contract: 185745

Project: 2454736

Date Issued: June 1, 2012

Issued to: Motion Sensors Inc.,
786 Pitts Chappel Rd.
Elizabeth City, NC 27909
USA
Attention: Marcy Bergman

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.



Sorin Tat

Issued by: Sorin Tat

PRODUCTS

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

Ex ia IIC: Class I, Zone 0:

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

- Model DMX-xxx-1, DMX-xxx-2, DRX-xxx-1 and DRX-xxx-2, Pick-up Coils with integral Pre-Amplifier. Intrinsically Safe with Entity Parameters per Control Drawing No. ST-A-1298. Temperature Code T2 for a Tamb:-40°C to +125°C and Temperature Code T4 for Tamb:-40°C to +51°C .

- Model PMX-xxxx-1, PMX-xxxx-2, PRX-xxxx-1 and PRX-xxxx-2 Pre-Amplifiers. Intrinsically Safe with Intrinsically Safe Outputs to Certified Pick-up Coils, having Entity Parameters per Control Drawing No. ST-A-1298 Temperature Code T2 for a Tamb:-40°C to +125°C and Temperature Code T4 for Tamb:-40°C to +51°C .



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- Model MRX-xxx-1, MRX-xxx-2, MRDX-xxx-1, MRDX-xxx-2, Pickup Coils with integral Pre-Amplifier. Intrinsicly Safe with Entity Parameters per Control Drawing No. ST-A-1298. Temperature Code T2 for a Tamb:-40°C to +125°C and Temperature Code T4 for Tamb:-40°C to +51°C .

- Model HX-xxx-1, HX-xxx-2, HDX-xxx-1, HDX-xxx-2, HNX-xxx-1, Pickup Coils with integral Pre-Amplifier. Intrinsicly Safe with Entity Parameters per Control Drawing No. ST-A-1298. Temperature Code T2 for a Tamb:-40°C to +125°C and Temperature Code T4 for Tamb:-40°C to +51°C .

Notes:

1. "xxx" and "xxxx" in the Model Number may be any combination of numbers and characters representing specific options.
2. Pick-up Coils equipped with a connector are only suitable for Class I Groups A,B,C,D (Group IIC), Class II Group G and Coal Dust and Class III.
3. Model PMX-xxxx-1, PMX-xxxx-2, PRX-xxxx-1 and PRX-xxxx-2 Pre-Amplifiers are suitable for Class I Groups A, B, C, D (Group IIC) only and must be installed in a suitable enclosure acceptable to the local inspection authority having jurisdiction.

Ex ia IIA: Class I, Zone 0:

Class I, Group D; Class II, Groups E, F and G; Class III:

- Model DMX-xxx-3, DMX-xxx-4, DMX-xxx-5, DRX-xxx-3, DRX-xxx-4 and DRX-xxx-5 Pick-up Coils with integral Pre-Amplifier. Intrinsicly Safe with Entity Parameters per Control Drawing No. ST-A-1298. Temperature Code T2 for a Tamb:-40°C to +100°C and Temperature Code T4 for Tamb:-40°C to +51°C .

- Model PMX-xxxx-3, PMX-xxxx-4, PMX-xxxx-5, PRX-xxxx-3, PRX-xxxx-4 and PMX-xxxx-5 Pre-Amplifiers. Intrinsicly Safe with Intrinsicly Safe Outputs to Certified Pick-up Coils, having Entity Parameters per Control Drawing No. ST-A-1298. Temperature Code T2 for a Tamb:-40°C to +100°C and Temperature Code T4 for Tamb:-40°C to +51°C .



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- Model MRX-xxx-3, MRX-xxx-4, MRDX-xxx-3, and MRDX-xxx-4 Pick-up Coils with integral Pre-Amplifier. Intrinsicly Safe with Entity Parameters per Control Drawing No. ST-A-1298. Temperature Code T2 for a Tamb:-40°C to +100°C and Temperature Code T4 for Tamb:-40°C to +51°C .

- Model HX-xxx-3, HX-xxx-4, HDX-xxx-3, HDX-xxx-4, HNX-xxx-3, and HNX-xxx-4 Pick-up Coils with integral Pre-Amplifier. Intrinsicly Safe with Entity Parameters per Control Drawing No. ST-A-1298. Temperature Code T2 for a Tamb:-40°C to +100°C and Temperature Code T4 for Tamb:-40°C to +51°C .

Notes:

1. "xxx" and "xxxx" in the Model Number may be any combination of numbers and characters representing specific options.
2. Pick-up Coils equipped with a connector are only suitable for Class I Group D (Group IIA), Class II Group G and Coal Dust and Class III.
3. Model PMX-xxxx-3, PMX-xxxx-4, PMX-xxxx-5, PRX-xxxx-3, PRX-xxxx-4 and PRX-xxxx-5 Pre-Amplifiers are suitable for Class I Group D (Group IIA) only and must be installed in a suitable enclosure acceptable to the local inspection authority having jurisdiction.

CLASS 2258 84 - PROCESS CONTROL EQUIPMENT - Intrinsicly Safe Entity - For Hazardous Locations - Certified to U.S. Standards

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



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- Model DMX-xxx-1, DMX-xxx-2, DRX-xxx-1 and DRX-xxx-2, Pick-up Coils with integral Pre-Amplifier. Intrinsically Safe with Entity Parameters per Control Drawing No. ST-A-1298. Temperature Code T2 for a Tamb:-40°C to +125°C and Temperature Code T4 for Tamb:-40°C to +51°C .

- Model PMX-xxxx-1, PMX-xxxx-2, PRX-xxxx-1 and PRX-xxxx-2 Pre-Amplifiers. Intrinsically Safe with Intrinsically Safe Outputs to Certified Pick-up Coils, having Entity Parameters per Control Drawing No. ST-A-1298 Temperature Code T2 for a Tamb:-40°C to +125°C and Temperature Code T4 for Tamb:-40°C to +51°C .

- Model MRX-xxx-1, MRX-xxx-2, MRDX-xxx-1, MRDX-xxx-2, Pickup Coils with integral Pre-Amplifier. Intrinsically Safe with Entity Parameters per Control Drawing No. ST-A-1298. Temperature Code T2 for a Tamb:-40°C to +125°C and Temperature Code T4 for Tamb:-40°C to +51°C .

- Model HX-xxx-1, HX-xxx-2, HDX-xxx-1, HDX-xxx-2, HNX-xxx-1, Pickup Coils with integral Pre-Amplifier. Intrinsically Safe with Entity Parameters per Control Drawing No. ST-A-1298. Temperature Code T2 for a Tamb:-40°C to +125°C and Temperature Code T4 for Tamb:-40°C to +51°C .

Notes:

1. "xxx" and "xxxx" in the Model Number may be any combination of numbers and characters representing specific options.
2. Pick-up Coils equipped with a connector are only suitable for Class I Groups A,B,C,D (Group IIC), Class II Group G and Coal Dust and Class III.
2. Model PMX-xxxx-1, PMX-xxxx-2, PRX-xxxx-1 and PRX-xxxx-2 Pre-Amplifiers are suitable for Class I Groups A, B, C, D only and must be installed in a suitable enclosure acceptable to the local inspection authority having jurisdiction.

Class I, Group D; Class II, Groups E, F and G; Class III:



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- Model DMX-xxx-3, DMX-xxx-4, DMX-xxx-5, DRX-xxx-3, DRX-xxx-4 and DRX-xxx-5 Pick-up Coils with integral Pre-Amplifier. Intrinsicly Safe with Entity Parameters per Control Drawing No. ST-A-1298. Temperature Code T2 for a Tamb:-40°C to +100°C and Temperature Code T4 for Tamb:-40°C to +51°C .

- Model PMX-xxxx-3, PMX-xxxx-4, PMX-xxxx-5, PRX-xxxx-3, PRX-xxxx-4 and PMX-xxxx-5 Pre-Amplifiers. Intrinsicly Safe with Intrinsicly Safe Outputs to Certified Pick-up Coils, having Entity Parameters per Control Drawing No. ST-A-1298. Temperature Code T2 for a Tamb:-40°C to +100°C and Temperature Code T4 for Tamb:-40°C to +51°C .

- Model MRX-xxx-3, MRX-xxx-4, MRDX-xxx-3, and MRDX-xxx-4 Pick-up Coils with integral Pre-Amplifier. Intrinsicly Safe with Entity Parameters per Control Drawing No. ST-A-1298. Temperature Code T2 for a Tamb:-40°C to +100°C and Temperature Code T4 for Tamb:-40°C to +51°C .

- Model HX-xxx-3, HX-xxx-4, HDX-xxx-3, HDX-xxx-4, HNX-xxx-3, and HNX-xxx-4 Pick-up Coils with integral Pre-Amplifier. Intrinsicly Safe with Entity Parameters per Control Drawing No. ST-A-1298. Temperature Code T2 for a Tamb:-40°C to +100°C and Temperature Code T4 for Tamb:-40°C to +51°C .

Notes:

1. "xxx" and "xxxx" in the Model Number may be any combination of numbers and characters representing specific options.
2. Pick-up Coils equipped with a connector are only suitable for Class I Group D (Group IIA), Class II Group G and Coal Dust and Class III.
3. Model PMX-xxxx-3, PMX-xxxx-4, PMX-xxxx-5, PRX-xxxx-3, PRX-xxxx-4 and PRX-xxxx-5 Pre-Amplifiers are suitable for Class I Group D (Group IIA) only and must be installed in a suitable enclosure acceptable to the local inspection authority having jurisdiction.

APPLICABLE REQUIREMENTS

CSA-C22.2 No. 142-M1987 - Process Control Equipment



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CAN/CSA-E79-11-95 - Electrical Apparatus for Explosive Gas Atmospheres □ Part 11: Intrinsic Safety "i"

UL Std No. 916 - Energy Management Equipment

UL Std No. 913 - Intrinsically Safe Apparatus and Associated Apparatus for Use in Class I, II and III, Division 1, Hazardous Locations