



Certificate of Compliance

Certificate: 2174246

Master Contract: 156011

Project: 2174246

Date Issued: December 24, 2009

Issued to: GEMS Sensors Inc.

One Cowles Rd
Plainville, CT 06062-1198
USA
Attention: Victor Fonseca

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: Joe da Silva, C.E.T.

Authorized by: Gary Boswell, P.Eng., Product Group Manager

A handwritten signature in black ink, appearing to read 'J. da Silva'.

PRODUCTS

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

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

- Series 27 controllers, input rated 120 or 240V ac, 60Hz, 1.7 VA; relay contacts rated 250Vac, 10 Amps, ½ hp; 30 Vdc, 10 Amps or 250 Vac, 2 Amps, 1/10 hp ; 30 Vdc, 3 Amps or B300 pilot duty, having terminals



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which provide intrinsically safe circuits for discrete, passive switching devices in accordance with installation instruction form 270 for series 27 controllers and installation instruction form 7801088 for the Series 27, Part No. 7800627 Control Module.

Notes:

1. These devices are deemed “Associated Apparatus” for installation in ordinary locations within a suitable enclosure deemed acceptable to the local authority having jurisdiction.
2. Wiring installation as per NEC and CEC.

APPLICABLE REQUIREMENTS

CAN/CSA C22.2 No. 0-M91 (R2001) - General Requirements - Canadian Electrical Code, Part II

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

CAN/CSA-C22.2 No. 157-92 - Intrinsically Safe and Non-Incendive Equipment for Use in Hazardous Locations

UL Std No.913 – 5th Ed.-Intrinsically Safe Apparatus and Associated Apparatus for Use in Class I, II and III, Division 1, Hazardous Locations

UL Std No. 916 – 4th Ed. - Energy Management Equipment