



CSA INTERNATIONAL

Certificate of Compliance

Certificate: 1006554

Master Contract: 160030

Project: 1441709

Date Issued: 6 June 2003


Issued to: **JB Systems, Inc.**
10360-72nd St., Suite 809
Largo, FL 33777
USA

Attention: Mr. John M. Lawrence

The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US'



Issued by: Richard Masek

Authorized by: 
Peter Schimmoeller
Manager Certification Services

PRODUCTS

2258-02 – PROCESS CONTROL EQUIPMENT – For Hazardous Locations

2258-82 – PROCESS CONTROL EQUIPMENT – For Hazardous Locations – Certified to U.S. Standards

Signal Processors (for ordinary location): model 700DC, rated DC 24 V, 250 mA, model 700AC, rated 85-265 V~, 50-60 Hz, 0.07 A, model 800, rated 85-265 V~, 50-60 Hz, 0.1 A, operating temperature range 0 to 50 °C.

Viewing Head Sensing Sensors, Model(s) S702, S702-HF, S702-PF, S702-HF-PF, S706, S706-PF, S802, S802-HF, S806, rated at DC 22 - 26V, 150 mA Max, Class I, Division 2, Groups A, B, C, and D, T4A, Operating Temperature Ambient -40 to 85°C. Type 4X

Notes:

- The following ending suffixes are noted below;
UV - Ultra Violet Bulb HF - High Frequency Filter Option
IR - Infra Red diode PF - 1/2 inch NPT option
- Viewing heads are Certified for Hazardous Location, Associated Amplifier is Certified to be used in Ordinary locations.

The 'C' and 'US' indicators adjacent to the CSA Mark signify that the product has been evaluated to the applicable CSA and ANSI/UL Standards, for use in Canada and the U.S., respectively. This 'US' indicator includes products eligible to bear the 'NRTL' indicator. NRTL, i.e. National Recognized Testing Laboratory, is a designation granted by the U.S. Occupational Safety and Health Administration (OSHA) to laboratories which have been recognized to perform certification to U.S. Standards.



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APPLICABLE REQUIREMENTS

- | | | |
|----------------------------|---|--|
| CAN/CSA-C22.2 No.94-M91 | - | Special Purpose Enclosures |
| CAN/CSA-C22.2 No.142-M87 | - | Process Control Equipment |
| CAN/CSA-C22.2 No.213-M1987 | - | Non-Incendive electrical Equipment for use in Class I, Division 2
Hazardous Locations |
| UL 50 | - | Enclosures, Electrical Equipment |
| UL 508 | - | Electrical Equipment for Industrial Control Equipment |
| UL 1604 | - | Electrical Equipment for use in Class I and II, Division 2
and Class III Hazardous (Classified) locations |

MARKINGS

Signal Processor

- (1) Submitter's name, trademark, or CSA file number adjacent the CSA Mark.
- (2) Catalogue / Model designation or equivalent.
- (3) Complete electrical rating (amps, hertz, and volts)
- (7) Date code / Serial number traceable to month and year of manufacture.
- (8) The CSA Mark with a NRTL/C or a C-US indicator adjacent.

Viewing Head

- 1) Submitter's name, trademark, or the CSA file number adjacent the CSA Mark
- (2) Catalogue / Model designation or equivalent.
- (3) Complete electrical rating (amps, hertz, and volts).
- (4) Applicable Hazardous Locations Class, Group and Division
- (5) Temperature Code Rating.
- (6) Operating Temperature Ambient;
- (7) Date code / Serial number traceable to month and year of manufacture.
- (8) The CSA Mark with a NRTL/C or a C-US indicator adjacent.
- (9) The words A ENCLOSURE TYPE 4/4X for those enclosures that are used outdoors.
- (10) Caution Warnings A WARNING - EXPLOSION HAZARD - DO NOT DISCONNECT WHILE CIRCUIT IS LIVE UNLESS AREA IS KNOWN TO BE NON-HAZARDOUS