



Certificate of Compliance

Certificate: 1812440

Master Contract: 220043

Project: 1812440

Date Issued: 2007/02/09

Issued to: A W Company
8809 Industrial Dr
Franksville, WI 53126
USA
Attention: Chris Husson

The products listed below are eligible to bear the CSA Mark shown



Issued by: Kurt McClain

Authorized by: Peter Schimmoeller, Manager
of Certification Services

PRODUCTS

CLASS 2258 02 - PROCESS CONTROL EQUIPMENT - For Hazardous Locations

Class I, Division 1, Groups A, B, C and D; Class II, Division 1, Groups E, F and G; Class III; T6; Type 4X*:

RT-Ex15-Ex Digital Flow Monitor, Input Rating 200 mA @ 5-24 Vdc Class 2, Analog Loop Outputs 4-20 mA @ 12-24 Vdc Class 2, Limit Outputs 50 mA @ 5-24 Vdc Class 2, and Reset Input 5-24 Vdc Class 2. Maximum Working Pressure (M.W.P.) = 5,000 psi (34,474 kPa) or 15,000 psi (103,422 kPa) Ambient Temperature Range: -40°C to +60°C

Conditions of Certification:

The RT-Ex15-Ex Digital Flow Monitors must be used with one of the following meter bodies while the meter



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bodies that shall be marked with one of the following model designations:

JVM-zzz-Ex (303 SS, M.W.P = 5,000 psi, Type 4) *

JVS-zzz-Ex (316 SS, M.W.P = 5,000 psi, Type 4X)

JVHS-zzz-Ex (316 SS, M.W.P = 15,000 psi, Type 4X)

Notes:

1. The RT-Ex15-Ex Flow Monitor must be installed with a JVM-Ex, JVS-Ex or JVHS-Ex flowmeter and installed in accordance to the RT-Ex15-Ex Flow Monitor Installation Manual.

2. "zzz" represents additional optional markings by the manufacture that can be any number of characters which represents information that shall not affect the certified product assembly and certification. The additional description is optional, e.g. JVM-20KG-Ex , JVS-15CG-Ex or JVHS-12KG-Ex as well as be empty, e.g. JVM-Ex, JVS-Ex or JVHS-Ex.

3. * The RT-Ex15 Digital Flow Monitor certification does NOT include Type 4 or Type 4X when the optional "Swivel Union" is used. The Swivel Union is installed between the enclosure and adapter hub to allow the product to be positioned properly for installation.

APPLICABLE REQUIREMENTS

- CSA Std C22.2 No. 0.5-M1982 (R2004) - Threaded Conduit Entries
- CSA Std C22.2 No. 142-M1987 (R2004) - Process Control Equipment
- CAN/CSA-C22.2 No. 94-M1991 (R2006) - Special Purpose Enclosures
- CSA Std C22.2 No. 25-1966 (R2004) - Enclosures for Use in Class II, Groups E, F and G Hazardous Locations
- CSA Std C22.2 No. 30-M1986 (R2003) - Explosion-Proof Enclosures for Use in Class I Hazardous Locations

MARKINGS

- CSA Monogram
- Company Name and/or File Number #220043
- Model number
- Serial Number
- Supply Electrical Rating: 24 VDC, 200 mA Max. Class 2
- Hazardous Location Designation
- Ambient Temperature Range: -40°C to +60°C
- Temperature Code: T6 (Optional)
- Maximum Working Pressure or MWP: 103.4 MPa (15kpsi) or 34.4MPa (5kpsi)
- Warning or Caution; "SEE INSTRUCTIONS & INSTALLATION MANUAL FOR ADDITIONAL ELECTRICAL RATINGS AND WARNINGS"
- Warning or Caution; "KEEP COVER TIGHT WHILE CIRCUITS ARE ALIVE" or equivalent.
- Warning or Caution; "For Class I, Group A, A EXPLOSIONPROOF SEAL SHALL BE INSTALLED WITHIN



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450 mm (18 inches) OF THE ENCLOSURE” or equivalent.

- "The RT-Ex15-Ex Flow Monitor must be installed with a JVM-Ex, JVS-Ex or JVHS-Ex flowmeter and installed in accordance to the RT-Ex15-Ex Flow Monitor Installation Manual"
- Meter Bodies to be marked with associated model codes e.g. JVM-Ex, JVS-Ex or JVHS-Ex
- Meter Bodies to have MWP: 103.4 MPa (15kpsi) or 34.4MPa (5kpsi)