

Certificate of Compliance

Certificate: 1145207

Master Contract: 155943 (LR 95764)

Project: 1261951

Date Issued: November 22, 2001

Issued to: Delta M Corp.
Bethel Valley Industrial Park.
1003 Larsen Dr.
Oak Ridge, TN 37830
USA
Attention: Mr. R. McCulloch


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



Issued by:


R. Wildish

Authorized by:


Brian Rossborough
Operations Manager

PRODUCTS

CLASS 2258 02 - PROCESS CONTROL EQUIPMENT - For Hazardous Locations

Class I, Div 1, Groups B, C and D; Class II, Div 1, Groups E, F and G; Class III, Div 1; Type 4:

- Microtuf Series Thermal Differential Point Level Switch, Models LS32CS-XXX-XX-XXX.X-XXX-LE-XX (with integral Probe); or Remote version, Model LS32CS-000-00-00000-XXX-RE-XX with Remote Probe, Model LS32CS-XXX-XX-XXX.X-000-RP-XX; input rated 24/110/220V ac, 50/60Hz, 200/85/42mA; 24V dc, 100mA; relay contact rating 250V ac, 5A max; Temp Code T4A @ Max ambient 40 Deg C; MWP 3000 psi.
- Microtuf Series Thermal Differential Mass Flow Switch, Models FS42CS-XXX-XX-XXX.X-XXX-LE-XX (with integral Probe); or Remote version, Model FS42CS-000-00-00000-XXX-RE-XX with Remote Probe, Model FS42CS-XXX-XX-XXX.X-000-RP-XX; input rated 24/110/220V ac, 50/60Hz, 200/85/42mA; 24V dc, 100mA; relay contact rating 250V ac, 5A max; Temp Code T4A @ Max ambient 40 Deg C; MWP 3000 psi.

- Notes:
1. The suffixes "4X", "SH" or "SW" in the last position of the model code, indicate that the assembly is rated Enclosure Type 4X.
 2. If the process fluid temperature exceeds 40 °C, the device can not be used in a process atmosphere that has an ignition temperature of 120 °C increased by the difference of the fluid temperature and 40°C.



CSA INTERNATIONAL

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APPLICABLE REQUIREMENTS

- | | |
|----------------------------|---|
| CSA Std C22.2 No 25-1966 | - Enclosures for Use in Class II, Groups E, F and G Hazardous Locations |
| CSA Std C22.2 No 30-M1986 | - Explosion-Proof Enclosures for Use in Class I Hazardous Locations |
| CAN/CSA-C22.2 No 94-M91 | - Special Purpose Enclosures |
| CSA Std C22.2 No 142-M1987 | - Process Control Equipment |

MARKINGS

- CSA Monogram;
- Company name;
- Model number;
- Serial number;
- Electrical rating;
- Hazardous locations designation;
- Temperature Code rating;
- Enclosure rating (ie. Encl. Type 4 or Type 4X);
- Maximum working pressure - "MWP";
- Caution re. use of conduit seal within 18 inches;
- Caution re. keeping cover tight while circuits are live;
- Caution re. use of supply wires suitable for 10 Deg C above ambient.