



Member of the FM Global Group

FM Approvals
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CERTIFICATE OF COMPLIANCE

HAZARDOUS (CLASSIFIED) LOCATION ELECTRICAL EQUIPMENT

This certificate is issued for the following equipment:

PMabcdef-xxx. Prism Valve Position Monitor.

IS* / I / 1 / ABCD / T5** Ta = 80°C – 105116, 105118; Entity***; FISCO**** IS* / II, III / 1 / EFG – 105116, 105118; Entity***; FISCO****, NI / I / 2 / ABCD / T5** Ta = 80°C – 105021, 105118, 105133; Type 4, 4X, 6.

* *Intrinsically Safe only when a = 44, 93.*

** *When b = 1A, 1B, 1C, 1D or 1E T4 Ta = 50°C.*

*** *Entity Parameters when a = 44, Vmax = 28 Vdc, Imax = 120 mA, Pi = 2.0W, Ci = 60 nF, Li = 0.8 mH.*

*** *Entity Parameters when b = 1E, Vmax = 28 Vdc, Imax = 120 mA, Pi = 1.0W, Ci = 0, Li = 0.*

**** *FISCO Parameters only when a = 93, Vmax = 30Vdc, Imax = 380 mA, Pi = 5.32W, Ci = 0, Li = 0.*

a = Function 33, 34, 44, 92, 93, 94, 95, 96, or 97.

b = Solenoid 11, 1A, 1B, 1C, 1D, or 1E.

c = Enclosure S.

d = Junction 02, 05, 09, 11, 13, 14, 15, or 16.

e = Visual Indication X, G, R.

f = Valve Size S or L.

xxx = Optional 3 – 5 Alpha or Numeric Digits for Special and Marketing Identification (not affecting safety).

PMabcdefS-xxx. Prism Valve Position Monitor.

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**** *FISCO Parameters only when a = 93, Vmax = 30Vdc, Imax = 380 mA, Pi = 5.32W, Ci = 0, Li = 0.*

a = Function 33, 34, 44, 92, 93, 94, 95, 96, or 97.

b = Solenoid 11, 1A, 1B, 1C, 1D, or 1E.

c = Enclosure B.

d = Junction 02, 05, 09, 11, 13, 14, 15, or 16.

e = Visual Indication X, N, or D.

f = Valve Size S or L.

xxx = Optional 3 – 5 Alpha or Numeric Digits for Special and Marketing Identification (not affecting safety).



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Equipment Ratings:

Intrinsically Safe with Entity Parameters and FISCO Parameters for use in Class I, Division 1, Group A, B, C, and D, T5 Ta = 80°C, Intrinsically Safe with Entity Parameters and FISCO Parameters for use in Class II, III, Division 1, Group E, F, and G, Nonincendive for use in Class I, Division 2, Group A, B, C, D T5 Ta = 80°C, Type 4, 4X and 6 Hazardous Indoor and Outdoor Locations.

Approved for:

StoneL Corp.
Fergus Falls, MN 56537

This certifies that the equipment described has been found to comply with the following FM Approval Standards and other documents:

C22.2 No. 157	1991
C22.2 No. 142	1987
C22.2 No. 213M	1988
C22.2 No. 94	1991

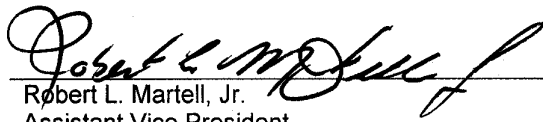
Original Project ID: 3021297C

FM Approval Granted: *August 3, 2005*

Subsequent Revision Reports / Date FM Approval Amended

Report Number	Date	Report Number	Date
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FM Global Technologies LLC


Robert L. Martell, Jr.
Assistant Vice President
FM Approvals

August 3, 2005
Date