



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:

V18345-a0b2c2de0f. TZID-C Positioner.

IS / I,II,III / 1 / ABCDEFG / T4 Ta = 85°C - 901064 / 7 / 4; Entity

NI / I / 2 / ABCD / T4 Ta = 85°C

S / II,III / 2 / FG / T4 Ta = 85°C; Type 4X

Max Entity Parameters: Per Control Drawings

a = Case/Mounting 1, 2, 3, 4, or 9.

b = Input/communication port 1 or 2.

c = Output/safe protection 1, 2, 4 or 5.

d = Option modules for analog or digital position feedback 0, 1, 3 or 5.

e = Mechanical kit (proximity switches) for digital position feedback (option) 0, 1 or 3.

f = Design (varnish/coding) 1 or 2.

Special Conditions of Use:

1) Acceptance for use with natural gas (IS version only).

Reference Installation Drawing, SD-10-4099.

Equipment Ratings

Intrinsically safe for Class I, II, III, Division 1 groups A, B, C, D, E, F and G; Entity; non-incendive for use in Class I Division 2 Groups A, B, C and D, T4 Ta = 85°C; suitable for Class II and III Division 2, Groups F and G, T4 Ta = 85°C Hazardous (Classified) Locations indoor/outdoor (NEMA Type 4X

FM Approved for:

ABB Automation Products
32425 Minden, Germany

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



Class 3600	1998
Class 3610	2010
Class 3810	2005
Class 3611	2004
NEMA - 250	1991

Original Project ID: 3005029

Approval Granted: August 17, 2000

Subsequent Revision Reports / Date Approval Amended

Report Number	Date	Report Number	Date
3041307	8/24/11		

FM Approvals LLC

Timothy Adam
Technical Team Manager

24 Aug, 2011

Date