



FM Approvals
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Member of the FM Global Group

CERTIFICATE OF COMPLIANCE

HAZARDOUS (CLASSIFIED) LOCATION ELECTRICAL EQUIPMENT

This certificate is issued for the following equipment:

D3Eabc23fghZjXX. Digital Positioner

XP//1/BCD/ T6 Ta = 65°C / T5 Ta = 80°C;
DIP//1/EFG/ T6 Ta = 65°C / T5 Ta = 80°C; Type 4X
a = Air pipe connection thread type: G, N or M
b = Surface treatment and material: U or E
c = Function: S, D, M or R
fgh = Cover and Indicator: PVA or PVB
j = Input signal/protocol: 4,5,P or F

Logix 8ab-c. Digital Valve Positioner.

XP//1/1/BCD/ T6 Ta = 65°C / T5 Ta = 80°C
DIP//1/1/EFG/ T6 Ta = 65°C / T5 Ta = 80°C; Type 4X
a = Communication 1, 2, 3 or 4.
b = Electronic hardware options 0 or 1.
c = Certifications 15 or 16.

D2aE - bc d e f g h i j k l. Digital Positioner.

XP//1/1/BCD/ T6 Ta = 65°C / T5 Ta = 80°C
DIP//1/1/EFG/ T6 Ta = 65°C / T5 Ta = 80°C; Type 4X
a = Model Code: 0 or 2.
b = Certification: E.
c = Connection Air, Electrical: G, M or N.
d = Housing / Surface Treatment: U, R or S.
e = Function: S.
f = Mounting Option / Spindle: 09, 12, 23, 30 or 39.
g = Cover: PVB, FSW or FSU.
h = Temperature / Seals: Z or Q.
i = Input Signal / Protocol: 4, 5, P or F.
j = Feedback Option: X or T.
k = Options (Add-in Electronics): 0 or 1.
l = Accessories: X, M or N

APEX 9000 – a b c d e f g h i j k l m. Electro-pneumatic Positioner.

XP / 1 / 1 / BCD / T6 Ta = 65°C / T5 Ta = 80°C

DIP / 1 / 1 / 1 / EFG / T6 Ta = 65°C / T5 Ta = 80°C; Type 4X

a = Prefix: AX, AC or WC.

b = Model: 90 or 92.

c = Certification: E.

d = Connections (Air and Electrical): M or N.

e = Housing / Surface Treatment: U, R or S.

f = Function: S.

g = Shaft: 23.

h = Cover Option: 1.

i = Temperature / Seals: Z or Q.

j = Input signal / Protocol: N or H.

k = Feedback Options: X or T.

l = Feedback Options (Add-in Electronics): 0 or 1.

m = Accessories: X, M or N.

Equipment Ratings:

Explosionproof for Class I Division 1, Groups B, C and D; dust-ignitionproof for Classes II and III Division 1, Groups E, F and G hazardous (classified) locations; indoor/outdoor (Type 4X),

FM Approved for:

Palmstierna International AB
Korta Gatan 9 S-17154 Solna Sweden

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

Class 3600	1998
Class 3615	2006
Class 3810	2005
ANSI/NEMA 250	1991

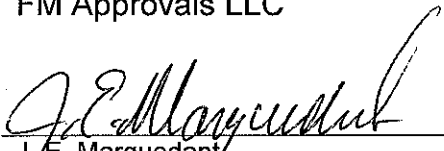
Original Project ID: 3012363

Approval Granted: February 8, 2002

Subsequent Revision Reports / Date Approval Amended

Report Number	Date	Report Number	Date
3015333	December 12, 2002		
040322	May 19, 2004		
3031132	December 11, 2007		
3036422	July 7, 2009		
100820	September 20, 2010		

FM Approvals LLC



J. E. Marquedant
Group Manager, Electrical

20 September 2010

Date