



Member of the FM Global Group

FM Approvals  
1151 Boston-Providence Turnpike  
P.O. Box 9102 Norwood, MA 02062 USA  
T: 781 762 4300 F: 781 762 9375 www.fmglobal.com

# CERTIFICATE OF COMPLIANCE

## HAZARDOUS (CLASSIFIED) LOCATION ELECTRICAL EQUIPMENT

This certificate is issued for the following equipment:

**3731-a23bcd. e/p Positioner.**

XP / I / 1 / BCD / T4 Ta= 80°C, T5 Ta= 70°C, T6 Ta= 60°C; Type 4X/IP66

XP / I / 1 / IIB + H<sub>2</sub> / T4 Ta= 80°C, T5 Ta= 70°C, T6 Ta= 60°C; Type 4X/IP66

DIP / II, III / 1 / EFG / T4 Ta= 80°C, T5 Ta= 70°C, T6 Ta= 60°C; Type 4X/IP66

a = Equipment version 3, 4, or 5.

b = Electrical connections 1 or 2.

c = Options 01, 02, 03, 04, 05, 06, or 07.

d = Temperature range 0 or 1.

### Equipment Ratings:

The Model 3731-.23 e/p Positioner is rated as explosionproof for use in Class I, Division 1 and 2, Groups B, C, and D; dust-ignitionproof Class II and III, Division 1 and 2, Groups E, F, and G; and explosionproof for use in Class I, Zone 1, IIB + H<sub>2</sub> hazardous (classified) locations; with an indoor and outdoor environmental rating of Type 4X/IP66.

### FM Approved for:

Samson AG  
Frankfurt, Germany

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

Class 3600	1998
Class 3615	1989
Class 3810	2005
ANSI/NEMA 250	1997
ANSI/IEC 60529	2004

Original Project ID: 3024956

Approval Granted:

*Jan 30, 2006*


Subsequent Revision Reports / Date Approval Amended

Report Number      Date

Report Number

Date

FM Approvals LLC

  
Robert L. Martell, Jr.  
Assistant Vice President

*Jan 30, 2006*  
Date