



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:

705-5abc-def / 7gh-ijkl-m. Eclipse Level Transmitter / Eclipse Level Probe

IS/I,II,III/1/ABCDEFG/T4 Ta=71°C – 99-5055; Entity; Type 4X, IP66

XP-IS / I / 1 / BCD/T4 Ta = 71°C: 99-5055; Type 4X, IP66

DIP-IS / II,III / 1 / EFG/T4 Ta = 71°C: 99-5055; Type 4X, IP66

NI*/II/2/ABCD / T4 Ta=71°C; Type 4X, IP66

S/II,III/2/FG/ T4 Ta=71°C; Type 4X, IP66

* For Non-incendive only, maximum supply voltage is 40 VDC

Entity Parameters: Reference Control Drawing No. 99-5055 for Entity Parameter values.

a = Digital Output 0, 1, 2 or 3

b = Options 0 or A

c = Accessories 0 or A.

d = Mounting/Classification 1, 2, 3, 4, (e=1 or 2, IS for Grps A-G; e = 3 or 4, XP-IS for Grps B-G).

e = Housing Material 1, 2 or 3. (3 only when d = 1 or 2)

f = Conduit 0, 1, 2, 3 or 4. (4 only when e=3)

g = Measurement E or M.

h = Configuration A, B, C, D, E, F, J, K, P, R, S, T, U, 1, 2, 5, or 7

i = Material A, B, C, D, E, F, G, H, K, L, M, N, P, R, V, W, Y, Z, 1 or 4

j = Process connection size 1, 2, 3, 4, 5, 6, B, C, D, E, F, G, H, T, U, W (j = Only 4, 5, 6, B, C, D, E or F only when h = B, F or 1).

k = Process connection type 1, 2, 3, 4, 5, 6, 7, 8, 9, A, B, C, D, E, F, G, K, L, M, N, P, R, S, T, U, V or W (k = 1, 2, 3, 4, A or B only when h = 1 or F) (k = 1, 3, 4, A or B only when h = D or P)(k = 1, 2, 3, 4, A, B, C, D or E only when h = A, B or C)

l = Options 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, A or N (l = 0 only when h = D or P; l = A only when h = K)

m = Probe Length 240 in or 610 cm maximum (50 ft or 15.3m maximum for h = 1).

For Probe 7gh where h = K, last 3 digit options under suffix "m" are as follows: 021, 022, 023, 211, 212 or 213



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Equipment Ratings:

Intrinsically Safe, with entity parameters, for use in Class I, II & III, Division 1, Groups A, B, C, D, E, F & G, in accordance with manufacturer's Control Drawing No. 99-5055
Explosionproof with Intrinsically Safe probe electronics and probe for use in Class I, Division 1, Groups B, C & D
Dust-Ignition Proof with Intrinsically Safe probe electronics and probe for use in Class II & III, Division 1, Groups E, F & G
Nonincendive for use in Class I, Division 2, Groups A, B, C & D
Suitable for Class II & III, Division 2, Groups F & G indoor/outdoor Hazardous (Classified)
Locations with (TYPE 4X, IP66) enclosure

FM Approved for:

Magnetrol International
5300 Belmont Road
Downers Grove, IL 60515-4499, USA



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

Class 3600	1998
Class 3610	1999
Class 3611	2004
Class 3615	1989
Class 3810	1995
ANSI/NEMA 250	1991
IEC 60529	2001
Including Amendment 1	

Original Project ID: 3D0A2.AX

Approval Granted: March 2, 1998

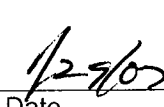
Subsequent Revision Reports / Date Approval Amended

Report Number	Date	Report Number	Date
3001176	May 26, 1998		
3003817	March 9, 1999		
3004377	April 27, 1999		
3006990	February 8, 2000		
3007541	April 12, 2000		
3010227	January 12, 2001		
3014061	August 6, 2002		
3019291	April 15, 2004		
041126	February 28, 2005		
3022929	April 8, 2005		
050511	July 7, 2005		
060510	1/29/07		

FM Approvals LLC



 George A. Smith
 Assistant Vice President



 Date