



FM Approvals
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CERTIFICATE OF COMPLIANCE

HAZARDOUS (CLASSIFIED) LOCATION ELECTRICAL EQUIPMENT

This certificate is issued for the following equipment:

625-a-b-c-d-e-f. Pressure Transmitters

IS / I,II,III / 1 / ABCDEFG / T* — 20107; Entity; IP6**

I / 0 / AEx ia IIC T* — 20107; Entity

DIP / II,III / 2 / FG / T*

NI / I / 2 / ABCD / T*

T*=T6 at 60°C, T5 at 70°C, and T4 at 85°C.

Entity Parameters:

V Max = 30 V dc, I Max = 100 mA, P i = 1W, L i = 0.1 mH, C i = 022 nF.

a = Pressure Ranges: Any 1 to 6 digit alphanumeric digit character description that represents a specific pressure range from full vacuum to 1034 bar/15000 psi.

b = Accuracy: Any single alphanumeric character.

c = Output Signal: Any single alphanumeric character.

d = Pressure Connections: Any 2 digit alphanumeric character description that represents an FM Approved connection as listed on Dwgs. 2317260.00-09 or 2317252.00-09 for thin film systems.

e** = Electrical Connection: AX(IP65), MX(IP68), DX(IP67), EX(IP68), XX(IP68), NX(IP67), 1(IP65), 8(IP65), 14(IP65), 25(IP67), 3(IP65), 36(IP67), 29(IP67) or 23(IP67)

f = Threaded Orifice: Any 3 digit alphanumeric characters

626-a-b-c-d-e-f. Pressure Transmitters

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e** = Electrical Connection: AX(IP65), MX(IP68), DX(IP67), EX(IP68), XX(IP68), NX(IP67), 1(IP65), 8(IP65), 14(IP65), 25(IP67), 3(IP65), 36(IP67), 29(IP67) or 23(IP67)

f = Weld-On Adapter: Any 3 to 5 digit alphanumeric characters



627-a-b-c-d-e. Pressure Transmitters.

IS / I,II,III / 1 / ABCDEFG / T* — 20107; Entity; IP65

I / 0 / AEx ia IIC T* — 20107; Entity

DIP / II,III / 2 / FG / T*

NI / I / 2 / ABCD / T*

T*=T6 at 60°C, T5 at 70°C, and T4 at 85°C.

Entity Parameters:

V Max = 30 V dc, I Max = 100 mA, P i = 1W, L i = 0.1 mH, C i = 022 nF.

a = Pressure Ranges: Any 1 to 5 digit alphanumeric digit character description that represents a specific pressure range from full vacuum to 1034 bar/15000 psi.

b = Accuracy: Any single alphanumeric character.

c = Output Signal: Any single alphanumeric character.

d = Pressure Connections Accessories: N, W, or T

e = Cable Length: Any 1 to 4 digit alphanumeric character representing a cable length less than 914 ft.

Equipment Ratings:

Intrinsically safe for use in Class I, II and III, Division 1, Groups A, B, C, D, E, F and G and Class I, Zone 0, Group IIC; Dust Ignitionproof for Class II, III Division 1, Groups F and G; Nonincendive for Class I Division 2 Groups A, B, C, and D indoor/outdoor IP65, IP67 or IP68 hazardous (classified) locations

Approved for:

Noshok, Inc.
Berea, OH



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

Class 3600	1998
Class 3610	1999
Class 3611	1999
Class 3615	1989
Class 3810	1989
Including Supplement #1	1995
ISA-S12.0.01	1998
ANSI/NEMA 250	1991
IEC 60529	1989
Including Supplement #1	

Original Project ID: 3016194

FM Approval Granted: February 3, 2003

Subsequent Revision Reports / Date FM Approval Amended

Report Number	Date	Report Number	Date
3018183	September 18, 2003		

FM Global Technologies LLC

Nicholas P. Ludlam
Technical Team Manager

September 18, 2003
Date

