



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:

375a b c E d e f g h. Field Communicator. 375. Battery Pack.

IS / I / 1 / ABCD / T4 Ta = 50°C - 00375-1130; Entity; FISCO

I / 0 / AEx ia / IIC / T4 Ta = 50°C - 00375-1130; Entity

Entity Parameters:

$V_{Max} = 30\text{ V}$, $I_{Max} = 200\text{ mA}$, $P_i = 1\text{ W}$, $C_i = 0$, $L_i = 0$.

Fieldbus Entity Parameters:

$V_{Max} = 30\text{ V}$, $I_{Max} = 380\text{ mA}$, $P_i = 1.3\text{ W}$, $C_i = 0$, $L_i = 0$.

FISCO Parameters:

$V_{Max} = 17.5\text{ V}$, $I_{Max} = 215\text{ mA}$, $P_i = 1.9\text{ W}$, $C_i = 0$, $L_i = 0$ for Groups IIC;

$V_{Max} = 17.5\text{ V}$, $I_{Max} = 380\text{ mA}$, $P_i = 5.4\text{ W}$, $C_i = 0$, $L_i = 0$ for Group IIB.

Output Field Terminals Parameters:

$V_{oc} = 1.9\text{ V}$, $I_{sc} = 32\text{ }\mu\text{A}$, $P_o = 61\text{ }\mu\text{W}$, $C_a = 100\text{ mF}$, $L_a = 5600\text{ mH}$.

a = Communication Protocol: H or F.

b = Battery type: R (NiMH) or P (Li-Ion).

c = Power Supply Charger: 1 or 9.

d = Product Certifications: KL.

e = Easy Upgrade: U or 9.

f = Spare Battery Pack: A (LI-Ion) or None.

g = Configuration Expansion Module: C or None.

h = Graphics: G or None.

Equipment Ratings:

Intrinsically Safe (Entity; FISCO) for use in Class I, Division 1, Groups A, B, C and D; Temperature Class T4 Ta = 50°C in accordance with Control Drawing No. 00375-1130; Intrinsically safe (Entity) for use in Class I, Zone 0, AEx ia IIC T4 Ta = 50°C; in accordance with Control Drawing No. 00375-1130; indoor Hazardous (Classified) Locations.

FM Approved for:

Fisher-Rosemount Systems Incorporated
Eden Prairie, Minnesota, USA

To verify the availability of the Approved product, please refer to www.approvalguide.com



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

Class 3600	2011
Class 3610	2010
Class 3810	2005

Original Project ID: 3015876

Approval Granted: July 9, 2003

Subsequent Revision Reports / Date Approval Amended

Report Number	Date	Report Number	Date
041202	December 7, 2004		
090129	February 6, 2009		
3034481	February 6, 2009		
3038469	December 17, 2009		
110622	June 30, 2011		
3046291	October 9, 2013		

FM Approvals LLC

J. E. Marquedant
Group Manager, Electrical

9 October 2013

Date

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