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

CERTIFICATE OF COMPLIANCE

HAZARDOUS (CLASSIFIED) LOCATION ELECTRICAL EQUIPMENT

This certificate is issued for the following equipment:

Excom. Remote I/O System.
NI / I / 2 / ABCD / T4 Ta = 70°C;
ANI / I / 2 / ABCD – IS-2.500; NIFW;
AIS / I, II, III / 1 / ABCDEFG – IS-2.500; Entity;
I / 1 / AEx ib [ia] / IIC / T4 Ta = 70°C – IS-2.500; Entity

Model No.	**Description**
AI401Ex	Analog Input Module
AIH40Ex	Analog Input Module
AIH41Ex	Analog Input Module
AI42Ex	Analog Input Module
AO40Ex	Analog Output Module
AO401Ex	Analog Output Module
DF20Ex	Discrete I/O Module
DI40Ex	Discrete Input Module
DM80Ex	Discrete I/O Module
DO40Ex	Discrete Output Module
DO401Ex	Discrete Output Module
GDP1.5	Gateway
GDP-IS	Gateway Module
TI40Ex	Thermocouple Input Module

PSD24Ex. Power Supply.
NI / I / 2 / ABCD / T4 Ta = 70°C;
I / 1 / AEx m [ib] e / IIC / T4 Ta = 70°C – IS-2.500

Special Condition of use

1. *The Excom System shall be installed in compliance with the enclosure, mounting, spacing and segregation requirements of the ultimate application.*

Equipment Ratings:

Excom. Remote I/O System
Nonincendive Class I, Division 2, Groups A, B, C, & D with Nonincendive field wiring parameters for Class I, Division 2, Groups A, B, C, & D and Intrinsically Safe connections to Class I, II, & III, Division 1, Groups A, B, C, D, E, F, & G indoor hazardous (classified) locations; also as Intrinsically Safe for Class I, Zone 1, Group IIC with Intrinsically Safe connections to Class I, Zone 0, Group IIC indoor hazardous (classified) locations with a temperature code of T4 @ 70°C.

PSD24Ex. Power Supply.
Nonincendive Class I, Division 2, Groups A, B, C, & D also as Suitable for use in Class I, Zone 1, Group IIC indoor hazardous (classified) locations with a temperature code of T4 @ 70°C using Increased Safety, Encapsulation, and Intrinsically Safe protection methods.

FM Approved for:

Turck Inc.
Plymouth, MN

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 3611	2004
Class 3810	2004
ISA-S12.23.01	1998
ISA-S12.16.01	1998
ANSI/ISA-60079-0	2009
ANSI/ISA-60079-11	2011

Original Project ID: 3009281 Approval Granted: October 3, 2002

Subsequent Revision Reports / Date Approval Amended

Report Number	Date	Report Number	Date
040929	November 4, 2004		
3045520	October 18, 2012		

FM Approvals LLC

J.E. Marquedant
Group Manager, Electrical

18 October 2012
Date