

Certificate of Compliance

Certificate: 1400809

Master Contract: 151079 (LR 53988)

Project: 1400809

Date Issued: February 17, 2003

Issued to: Endress + Hauser GmbH + Co. KG
Hauptstrasse 1
D-79689, Maulburg
GERMANY
Attention: Mr. Andreas Steffan

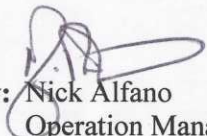
The products listed below are eligible to bear the CSA Mark shown



Issued by:


G. Lewis, CET

Authorized by:


Nick Alfano
Operation Manager

PRODUCTS

CLASS 2258 04 - PROCESS CONTROL EQUIPMENT - Intrinsically Safe, Entity - For Hazardous Locations

[Ex ia] IIC: Class I, Zone 0:

Class I, Groups A,B,C,D; Class II, Groups E,F,G; Class III:

- Fieldgate FXA520 Communication Gateway for HART Devices, ratings per table, relay contacts rated 250 VAC/40 VDC, 2.0 A; provides intrinsically safe circuits when connected per installation drawing number 960527-0071; I.S. output entity parameters per table.



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Model	Electrical Ratings			Entity Parameters (per Channel)					
	Volts	Hz	VA / W	Voc/Uo (V)	Isc/Io (mA)	Po (mW)	Groups	La/Lo (mH)	Ca/Co (µF)
AC Type	85-250 VAC	50/60	8 VA max.	6.5	6.0	9.8	A,B/ IIC	0.5	2.0
DC Type	20-30	50/60	5 VA max.					1.0	2.0
	20-60	DC	3.2 W max.				C,D/ IIB,IIA	2.0	10

These barriers must be installed in suitable enclosures in a non-hazardous location and provide intrinsically safe circuits for switches, thermocouples, non-inductive resistive devices or CSA Certified entity equipment when installed per manufacturers control drawings. Maximum safe area voltage not to exceed 250 Vrms.

APPLICABLE REQUIREMENTS

- CAN/CSA-E60079-0:02 - Electrical Apparatus for Explosive Gas Atmospheres--Part 0: General Requirements
- CAN/CSA- E60079-11:02 - Electrical apparatus for explosive gas atmospheres, Part 11: Intrinsic safety "i"
- CAN/CSA-C22.2 No. 157-92 - Intrinsically Safe and Non-Incendive Equipment for Use in Hazardous Locations
- CAN/CSA-C22.2 No.1010.1-92 - Safety Requirements for Electrical Equipment for Measurement Control and Laboratory Use, Part 1: General Requirements



Supplement to Certificate of Compliance

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*The products listed, including the latest revision described below,
are eligible to be marked in accordance with the referenced Certificate.*

Product Certification History

Project	Date	Description
1400809	Feb. 17, 2003	Original Certification.