



# Certificate of Compliance

**Certificate:** 2059461

**Master Contract:** 208772

**Project:** 70010574

**Date Issued:** February 17, 2016

**Issued to:** Fluidwell B.V.  
Voltaweg 23  
5466 AZ Veghel  
NETHERLANDS

**Attention:** Mr. Roger Amiot

*The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US or with adjacent indicator 'US' for US only or without either indicator for Canada only*



**Issued by:** E.GIUSTI  
E.Giusti

## PRODUCTS

**CLASS – 2258-04** PROCESS CONTROL EQUIPMENT - Intrinsically Safe, Entity - For Hazardous Locations  
**CLASS – 2258-84** PROCESS CONTROL EQUIPMENT - Intrinsically Safe, Entity - For Hazardous Locations  
against U.S. Standards

**IS Class I/II/III, Division 1 Groups A to G T4**  
**Class 1 Zone 0 AEx ia IIC T4 Ga**  
**Ex ia IIC T4 Ga**

Indicator Model F0...-XI:

The range of Indicators includes the following basic models with different signal input types:

Model F0...-P-XI,	indicators with digital input (coil, switch, npn, pnp, active or Namur);
Model F0...-A-XI,	indicators with analog input ((0)4 ... 20 mA);
Model F0...-U-XI,	indicators with analog input (0 ... 10 V);
Model F0...-A-PL-XI,	indicators with loop powered analog input (4 ... 20 mA);
Model F0...-T-XI,	indicators with PT100 input;
Model F0...-H-XI,	indicators with thermocouple input.



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The indicators are supplied by an internal battery and/or by an external supply or by the circuit supply (Model F0..-A-PL only). Optionally, the indicators can be equipped with a pulse output, a sensor supply output, an analog output (with HART) and an input for backlight supply.

The enclosure of the indicator provides a degree of protection of at least IP 65 in accordance with CAN/CSA-C22.2 NO. 60529-05 and ANSI/IEC 60529-2004.

Ambient temperature range -40 °C to +70 °C.

### **APPLICABLE REQUIREMENTS**

CAN/CSA-C22.2 NO. 0-10 (R2015)  
CAN/CSA-C22.2 NO. 157-92 (R2012)

General Requirements Canadian Electrical Code, Part II  
Intrinsically Safe and Non-incendive Equipment for use in  
Hazardous Locations.

CAN/CSA-C22.2 NO. 60529-05 (R2015)  
CAN/CSA-C22.2 NO. 142-M1987 (R2014)  
CAN/CSA-E60079-11-14  
ANSI/UL Standard 913: Ed.8

Degrees of protection provided by enclosures (IP Code)  
Process Control Equipment.  
Electrical apparatus for explosive gas atmospheres;  
Intrinsically Safe Apparatus and Associated Apparatus For Use  
in Class I, II and III, Div. 1 Hazardous (Classified) Locations  
Electrical apparatus for explosive gas atmospheres;

ANSI/ISA-60079-0: 2013  
ANSI/ISA-60079-11(2007)  
UL Standard 508: Ed.17  
ANSI/IEC 60529-2004

Part 0: General requirements.  
Part 11: Intrinsic Safety "i"  
Industrial Control Equipment  
Degrees of protection provided by enclosures (IP Code)

### **MARKINGS**

The manufacturer is required to apply the following markings:

- Products shall be marked with the markings specified by the particular product standard.
- Products certified for Canada shall have all Caution and Warning markings in both English and French.

Additional bilingual markings not covered by the product standard(s) may be required by the Authorities Having Jurisdiction. It is the responsibility of the manufacturer to provide and apply these additional markings, where applicable, in accordance with the requirements of those authorities.

The products listed are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US (indicating that products have been manufactured to the requirements of both Canadian and U.S. Standards) or with adjacent indicator 'US' for US only or without either indicator for Canada only.

- (1) Submitter's name, trademark
- (2) Catalogue / Model designation.
- (3) Date code / Serial number traceable to month and year of manufacture.
- (4) The cCSAus Monogram
- (5) Maximum ambient temperature  $T_a = + 70\text{ °C}$



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- (6) Reference to control drawings FWCD-000x (where x is 1 to 6 depending on the model)
- (7) Certificate number CSA.08.2059461
- (8) The words “IS Class I/II/III, Division 1, Groups A to G T4 and/or Class I, Zone 0 AEx ia IIC T4 Ga”

Nameplate is as per drawing “Label design F0xx 2.2”.

**METHOD OF MARKING:**

The permanent markings appear on a self-adhesive label manufactured by 3M (CUL MH18072) or Flexcon CO Inc. (CUL MH16635) and is mounted on the surface of the apparatus.

Full details of operation and special conditions for safe use are provided in the manual.