



# Certificate of Compliance

**Certificate:** 70007145 (069005\_0\_000) LR 69005-12

**Master Contract:** 176847

**Project:** 70207598

**Date Issued:** 2018-12-21

**Issued to:**

**Flowserve/PMV Automation AB  
Korta Gatan 9  
Solna, 171 54  
Sweden  
Attention: Mats Ragnarsson**

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



*Lillian (Lilly) Zaky*  
**Issued by:** Lillian (Lilly) Zaky

## PRODUCTS

**CLASS 2258 02** - PROCESS CONTROL EQUIPMENT - For Hazardous Locations

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

- Model F5EX Series feedback units, Models F5EX -MEC/420, -MEC/POT, -NAM, -NAM/420, -NAM/POT, -POT, -420, -PXY, -PXY/420, -PXY/POT, rated 28V dc max; 24mA max, Models F5EX-MEC, rated 250 Vac max, 6 A max, enclosure Type 4X. Temperature Code T6 (amb. +50C max), T5 (amb + 60C max), T4 (amb + 80C)

## APPLICABLE REQUIREMENTS

Standard	Description
CSA Std C22.2 No. 25-1966	Enclosures for Use in Class II, Groups E, F and G Hazardous Locations
CSA Std C22.2 No. 30-M1986	Explosion-Proof Enclosures for Use in Class I Hazardous Locations
CAN/CSA-C22.2 No. 94-M91	Special Purpose Enclosures
CSA Std C22.2 No. 142-M1987	Process Control Equipment



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## **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 without an indicator for Canada only (indicating that products have been manufactured to the requirements of Canadian Standards).

- Company name
- Model number
- Serial number
- Electrical ratings
- Hazardous location designation
- Special purpose enclosure designation "Type 4X"
- CSA Monogram
- Temperature Code rating (T6, T5 or T4)
- Caution re-keeping cover tight while circuits are live.



## Supplement to Certificate of Compliance

Certificate: (069005\_0\_000)

Master Contract: 176847

*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
70207598	December 21, 2018	Updating report 70007145 by adding the test history of the Previous reports, adding Marquardt 1005 CSA certified (file number 016270_0_00) Mechanical switches, Proximity switch IFM model number IS2002-N had been deleted from report 70007145 and is no longer used.
<b>History</b>		
70007145	December 3, 2014	Update to report to include alternative label for product F5X Switchbox
2500001541	October 26, 1999	Update report to correct rating of switch model F5EX-MEC
LR 69005-17	March 30, 1999	Updating Report to Include PCB P/N PMV 94001.813
LR 69005-16	October 30, 1998	Alternate construction to cover new enclosure cover and the use of Reed switches.
LR 69005-15	May 7, 1998	Use of metal nameplate as alternate method of marking
LR 69005-12	July 3, 1997	Original Certification