

# Certificate of Compliance

**Certificate:** 1638508

**Master Contract:** 174756

**Project:** 2073264

**Date Issued:** November 24, 2008

**Issued to:** Emerson Process Management Valve  
Automation Div., El-O-Matic B.V.  
Asveldweg 11  
7556 BR, Hengelo (O)  
THE NETHERLANDS  
Attention: Mr. Ruud Van Dorp

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



**Issued by:** E. Giusti

**Authorized by:** M.H.J. Hoendervangers  
Area Director, Europe



## PRODUCTS

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

Class I, Division 1, Groups A, B, C and D, Class II, Group E, F and G, Class III  
Ex ia IIC T4/T6  
DIP A20 T<sub>A</sub> 80°C IP65

FieldQ Module model QC14, intrinsically safe when installed per control drawing CR0710-11 (type N) or drawing C0710-12 (type M, G and D), Ambient temperature -20°C to 50°C, Temperature code T4/T6, Enclosure Type 4X, IP65.

Note: FieldQ modules are certified as component for final installation on FieldQ actuators. The final combination shall be subjected to acceptance of local authority having jurisdiction.

CLASS 2258 02 - PROCESS CONTROL EQUIPMENT - For Hazardous Locations

Class I, Division 2, Groups A, B, C and D; Class II, Division 2, Groups E, F and G, Class III, Division 2  
Ex d nA IIC T4/T5  
DIP A22 T<sub>A</sub> 90°C IP65

Certificate: 1638508

Project: 2073264



Master Contract: 174756

Date Issued: November 24, 2008

FieldQ Module models QC11, QC12 and QC13, type D, rated and installed as per control drawing CR0710-13, Ambient temperature  $-20^{\circ}\text{C}$  to  $80^{\circ}\text{C}$ , Temperature code T4 (or T5 for maximum ambient of  $45^{\circ}\text{C}$ ), Enclosure Type 4X, IP65.

Class I, Division 2, Groups A, B, C and D; Class II, Division 2, Groups E, F and G, Class III, Division 2  
Ex nA II T4/T5  
DIP A22 T<sub>A</sub>  $90^{\circ}\text{C}$  IP65

FieldQ Module models QC11, QC12 and QC13, type N, rated and installed as per control drawing CR0710-15, Ambient temperature  $-20^{\circ}\text{C}$  to  $80^{\circ}\text{C}$ , Temperature code T4 (or T5 for maximum ambient of  $45^{\circ}\text{C}$ ), Enclosure Type 4X, IP65.

FieldQ Module models QC11, QC12 and QC13, type H, rated and installed as per control drawing CR0710-16, Ambient temperature  $-20^{\circ}\text{C}$  to  $80^{\circ}\text{C}$ , Temperature code T4 (or T5 for maximum ambient of  $45^{\circ}\text{C}$ ), Enclosure Type 4X, IP65.

Note: FieldQ modules are certified as component for final installation on FieldQ actuators. The final combination shall be subjected to acceptance of local authority having jurisdiction.

### **APPLICABLE REQUIREMENTS**

CSA Std C22.2 No.142-M1987	- Process Control Equipment
CSA Std C22.2 No.213-M1987	- Non-Incendive Electrical Equipment for Use in Class I, Division 2 Hazardous Locations
CSA Std C22.2 No.157-92	- Intrinsically Safe and Non-Incendive Equipment for Use in Hazardous Locations
CSA Std C22.2 No.25-M1987	- Enclosures for Use in Class II, Groups E, F and G Hazardous Locations
CSA Std C22.2 No.94	- Special Purpose Enclosures
CAN/CSA E60079-0: 07	- Electrical Apparatus for Explosive Gas Atmospheres - Part 0: General Requirements
CAN/CSA E60079-15:02	- Electrical Apparatus for explosive gas atmospheres - Part 15: Type of protection "n"
CAN/CSA E60079-11:02	- Electrical Apparatus for Explosive Gas Atmospheres - Part 11: Intrinsic Safety "i"
CAN/CSA E61241-1-1:02	- Electrical Apparatus for Use in the Presence of Combustible Dust – Part 1-1: Electrical Apparatus Protected by Enclosures and Surface Temperature Limitation - Specification for Apparatus
CAN/CSA 60529	- Degrees of protection provided by enclosures (IP Code)

### **MARKINGS**

- CSA Monogram
- Company name or master contract number
- Model name / number
- Serial number
- Electrical ratings
- Hazardous locations designation as applicable
- Method of protection as applicable
- CSA certificate number
- Reference to installation drawing

**Certificate:** 1638508

**Project:** 2073264



**Master Contract:** 174756

**Date Issued:** November 24, 2008

- Temperature code rating
- Maximum ambient
- Warning re: Do not open in hazardous area
- Warning re: Substitution of components





## *Supplement to Certificate of Compliance*

**Certificate:** 1638508

**Master Contract:** 174756

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

### **Product Certification History**

---

<b>Project</b>	<b>Date</b>	<b>Description</b>
2073264	November 24, 2008	Update to report 1638508. New QC models replace old QM models. Minor modifications of the enclosure and limit switch.
1638508	April 15, 2005	Original CSA Certification.