

# Certificate of Compliance

**Certificate:** 2418967

**Master Contract:** 252935

**Project:** 2517641

**Date Issued:** April 25, 2012

**Issued to:** Hohner Automation Limited

Units 14-16  
Whitegate Industrial Estate  
Wrexham, UK, LL13 8UG  
Wales  
Attention: Carl Collinge

*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.*



*Marin Banu*

**Issued by:** Marin Banu, P. Eng.

## **PRODUCTS**

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

**CLASS 2258 82** - PROCESS CONTROL EQUIPMENT - For Hazardous Locations -  
Certified to US Standards

Class I, Zone 1 and Class II, Zone 21

Ex d IIC T5/ AEx d IIC T5

DIP A21 TA92°C/AEx tD A21 T92°C

Class II, Div. 1, Groups E, F and G

- R&M Series, Optical Shaft Encoders; electrical ratings: 30V dc max., 5W max. Ambient temperature ranges: Ta = -40°C to +60°C.



**Certificate:** 2418967

**Master Contract:** 252935

**Project:** 2517641

**Date Issued:** April 25, 2012

---

### **APPLICABLE REQUIREMENTS**

CSA Std. C22.2 No. 0-10	General Requirements
CSA C22.2 No.142-M1987 (R 2004)	Process Control Equipment
UL Std No. 916-1998	Energy Management Equipment
UL Standard 60079-0, Ed 5th (2009)	Electrical Apparatus for Explosive Gas Atmospheres Part 0: General Requirements
UL Standard 60079-1, Ed 6 (2009)	Electrical Apparatus for Explosive Gas Atmospheres Part 1: Flameproof Enclosure “d”
CAN/CSA-C22.2 No. 60079-0:07	Electrical Apparatus for Explosive Gas Atmospheres Part 0: General Requirements
CAN/CSA-C22.2 No. 60079-1:07	Electrical Apparatus for Explosive Gas Atmospheres Part 1: Flameproof Enclosure “d”
CAN/CSA-E61241-1-1:02 (R 2010)	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-C22.2 No. 60529:05	Degrees of protection provided by enclosures (IP Code)
ANSI/ISA–12.10.05–2004 (IEC 61241-10 Mod)	Electrical Apparatus for Use in Zone 20, Zone 21 and Zone 22 Hazardous (Classified) Locations – Classification of Zone 20, Zone 21 and Zone 22 Hazardous (Classified) Locations

### **MARKINGS**

- Submitters’ Name, Trade Mark or Master contract;
- Catalog Number Designation;
- Hazardous Location Designation;
- Complete Electrical Ratings;
- Temperature Code T5;
- CSA monogram with C and US indicators.



**Certificate:** 2418967

**Master Contract:** 252935

**Project:** 2517641

**Date Issued:** April 25, 2012

- 
- Warning: DO NOT OPEN WHEN AN EXPLOSIVE GAS OR DUST ATMOSPHERE MAY BE PRESENT
  - Warning: MAX CABLE ENTRY TEMPERATURE IS 85°C SELECT SUITABLE CABLE
  - Warning: SEAL REQUIRED WITHIN 50 mm OF ENCLOSURE”