



Certificate of Compliance

Certificate: 2472435

Master Contract: 216311

Project: 2472435

Date Issued: November 9, 2011

Issued to: Extreme Telematics Corp.

1144 29 AV NE, Suite #111
Calgary, AB T2E 7P1
Canada
Attention: Tim Daly

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.



Chris Burchett

Issued by: Chris Burchett

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 - Certified to US Standards

Class I, Division 1, Groups C and D; Class I, Zone 0, Ex/AEx ia [ia] IIB:

ET-12001 Series of Plunger Lift Controller; Permanently mounted, Intrinsically safe and suitable for use in Class I, Division 1, Groups C and D, Zone 0, Groups IIB hazardous locations when installed in accordance with installation instructions ET-12001-1012-0000; Temperature Code T3; Ambient temperature range -40°C to +70°C. Battery powered by 6.0Vdc nom. (Intrinsically safe battery packs part numbers ET-12001-1008-0001 and ET-12001-1008-0002).



Certificate: 2472435

Master Contract: 216311

Project: 2472435

Date Issued: November 9, 2011

Receives intrinsically safe inputs and outputs with the following entity parameters:

Solar Panel Input	RS485 (COM1 / COM2)	COM1 / COM2	CP/DP, LP, PAS (PWR, COM)	CP/DP, LP, PAS (SIG, COM)
Vmax = 15.5Vdc	Vmax = 8.0Vdc	Voc = 8.0V	Voc = 8.0V	Voc = 8.0V
I _{max} = 160mA	I _{max} = 160mA	I _{sc} = 108mA	I _{sc} = 81.0mA	I _{sc} = 0.80mA
C _i = 0.1μF	C _i = 0.0μF	C _a = 10μF	C _a = 10μF	C _a = 10μF
L _i = 0μH	L _i = 0μH	L _a = 50μH	L _a = 50μH	L _a = 50μH
P _{max} = 1.6W	P _{max} = 0.8W	P _{max} = 216mW	P _{max} = 162mW	P _{max} = 1.62mW

APPLICABLE REQUIREMENTS

CSA Standard C22.2 No. 0-M1991 - General Requirements - Canadian Electrical Code Part II

CSA Standard C22.2 No.142-M1987 - Process Control Equipment

CSA Standard C22.2 No. 157-M1992 - Intrinsically Safe and Non-Incendive Equipment for Use
in Hazardous Locations

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'

UL 508 - 17th Ed - Industrial Control Equipment.

UL 913 - 7th Ed - Intrinsically Safe Apparatus and Associated Apparatus for Use in
Class I, II and III Division 1 Hazardous (Classified) Locations.

UL 60079-0 - 5th Ed - Electrical Apparatus for Explosive Gas Atmospheres - Part 0 - General Requirements.

UL 60079-11 - 5th Ed - Electrical Apparatus for Explosive Gas Atmospheres - Part 11 - Intrinsic Safety 'i'.



Certificate: 2472435

Master Contract: 216311

Project: 2472435

Date Issued: November 9, 2011

MARKINGS

Divisions & Zones Model Series:

- Submitter's name, trademark, or the CSA file number (adjacent the CSA Mark).
- Catalogue / Model designation.
- Date code / Serial number traceable to month and year of manufacture.
- The CSA Mark with "c_us" indicators
- The hazardous location designation "Class I, Division 1, Groups C and D; Class I, Zone 0"
- The symbol "Ex/AEx ia [ia]"
- The words "INTRINSICALLY SAFE" and "ASSOCIATED APPARATUS"
- The ambient temperature range "-40°C to +70°C"
- The Entity Parameters as applicable
- The designation of terminals (polarity, etc.)
- Reference to installation drawing (ET-12001-1012-0000)
- Reference to acceptable battery packs (ET-12001-1008-0001 and ET-12001-1008-0002)
- The following warning statement:
 - WARNING - SUBSTITUTION OF COMPONENTS MAY IMPAIR INTRINSIC SAFETY