



Certificate of Compliance

Certificate: 2373077

Master Contract: 251388

Project: 2573768

Date Issued: February 11, 2013

Issued to: K Controls Ltd

2 Crown way
Crown Business Centre
Horton Road
West Drayton, Middlesex UB7 8HZ
United Kingdom
Attention: Mark O'Driscoll

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.



Joe da Silva

Issued by: Joe da Silva, C.E.T.

PRODUCTS

CLASS 2258 02 - PROCESS CONTROL EQUIPMENT - For Hazardous Locations

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

Ex d IIC T4/T5/T6; Ex tb IIIC T85°C /T100°C/ T135°C, Class II, Gps. E, F and G; IP66/67/68 ; (For Canada):

Class I, Zone 1, AEx d IIC T4/T5/T6; Zone 21, AEx tb/tD, IIIC T85°C /T100°C/ T135°C; IP66/67/68 (For USA):

Series 007-100 IIC Position Monitor (with options types SC6.x, SC6H.x, SC4.x and SC4H.x) and Series 007-120 IIC Position Monitor (with options types C6.x, C6H.x, C5.x, C4.x and C4H.x) where "x" can be any numeric value between 1 and 14. Rating cannot exceed 250 Vac/dc, 10Amps, 1 Watt. Operating temperature ambient -50°C to +40°C (for option types C6.x and C5.x), -50°C to +70°C (for option types C6H) -50°C to + 80°C (for option types C4.x), -50°C to +120°C (for option types C4H), -60°C to +40°C (for option types SC6.x), -60°C to +70°C (for option types SC6H), -60°C to + 80°C (for option types SC4.x), -60°C to +120°C (for option types SC4H); Temperature Code T6 for options C6.x, C6H.x SC6.x and SC6H.x, T5 for option C5.x and T4 for options C4.x, C4H.x, SC4.x and SC4H.x; (Zone 21) AEx tD and Ex tb enclosure surface temperature



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of T85°C for options C6.x, C6H.x, SC6.x and SC6H.x, T100°C for option C5.x and T135°C for options C4.x, C4H.x, SC4.x and SC4H.x; May provide electrical outputs of 250V(max)/ 2 Amps (max) for connection of remote solenoids.

Note -

1/ Rating (Volts, Amps and/or Wattage) dependent of CSA/UL internal components rating such that the overall rating of the monitor cannot exceed 250 Vac/dc, 10Amps, 1 Watt. (Note wattage rating is only applicable when 4 -20 mA electronic circuitry and/or potentiometer options are used).

2/ Operating ambients are minimum and maximum, submittor can include operating ambient in between the above listed operating ambient.

3/ IPX8 rating is for 30 metres submersion for a period of 96 hours.

APPLICABLE REQUIREMENTS

C22.2 No 0 – M91	-	General Requirements - Canadian Electrical Code Part II.
C22.2 No 142 – M1987	-	Process Control Equipment.
C22.2 No 60529-05	-	Degrees of protection provided by enclosures (IP Code)
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 Enclosures “d”.
CAN/CSA-C22.2 No. 60079-31:12	-	Explosive Atmospheres – Part 31: Equipment Dust Ignition Protections by Enclosure “t”
UL 916, 4th Ed.	-	Energy Management Equipment
ANSI/ISA 60079-0 (12.00.01) - 2009	-	Explosive Atmospheres – Part 0- General Requirements
ANSI/ISA 60079-1 (12.22.01) - 2009	-	Explosive Atmospheres – Part 1- Equipment Protection by Flameproof Enclosures “d”
ANSI/ISA-60079-31 (12.10.03)-2009	-	Explosive Atmospheres – Part 31: Equipment Dust Ignition Protections by Enclosure “t” (Approved 10 November 2009)
ANSI/IEC 60529-2005	-	Degrees of Protection Provided by Enclosure (IP Code)