

Certificate of Compliance

Certificate: 1601154

Master Contract: 152423

Project: 1601154

Date Issued: 2005/05/27

Issued to: Measurement Technology Limited

Power Court
Luton, Bedfordshire LU1 3JJ
United Kingdom
Attention: Peter Rigling

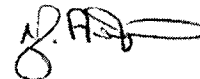
The products listed below are eligible to bear the CSA Mark shown



Issued by: Ron Wildish



Authorized by: Nick Alfano, Operations
Manager



PRODUCTS

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

Ex nA [ib] IIC; Class I, Zone 1, Groups IIC, IIB, IIA:

Class I, Div. 2, Groups A, B, C, D:

9121 FISCO Power Supply (Suitable for use in Class I, Div. 2, Groups A, B, C and D; Class I, Zone 2, Group IIC; Temperature Code T4); input rated 19.2 - 30V dc max, 350 mA max; Max. Ambient 70 Deg. C; provides intrinsically safe circuits with Entity Parameters, when connected as per MTL Installation drawing SCI-999.

U_o = 14 V, I_o = 180 mA; P_o = 2.52 W; C_o = 0.2 uF (IIC), 1.32 uF (IIB), 5.05 uF (IIA); L_o = 0.3 mH (IIC), 1.3 mH (IIB), 2.1 mH (IIA).



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Ex nA [ib] IIB; Class I, Zone 1, Groups IIB, IIA:

Class I, Div. 2, Group IIB:

9122 FISCO Power Supply (Suitable for use in Class I, Div. 2, Groups C and D; Class I, Zone 2, Group IIB; Temperature Code T4); input rated 19.2 - 30V dc max, 510 mA max; Max. Ambient 70 Deg. C; provides intrinsically safe circuits with Entity Parameters, when connected as per MTL Installation drawing SCI-999.

$U_o = 14.8$ V, $I_o = 359$ mA; $P_o = 5.31$ W; $C_o = 0.5$ uF (IIB), 1.62 uF (IIA); $L_o = 0.55$ mH (IIB), 0.9 mH (IIA).

Notes:

1. The above devices are for mounting in a suitable protective enclosure in a Class I, Zone 2 or Class I, Division 2 hazardous location, or a non-hazardous location (Max Ambient 70 Deg C) and must be installed in accordance with the manufacturer's instructions.
2. The Modules provide intrinsically safe circuits for switches, thermocouples, non-inductive resistive devices or CSA Certified (Entity) equipment when installed per manufacturer's control drawings.
3. Non-I.S. terminals of all 9000 devices must not be connected to any equipment that uses or generates in excess of 250 Vrms or DC.

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

CAN/CSA-E60079-0:02 - Electrical Apparatus for Explosive Gas Atmospheres - General Requirements

CAN/CSA- E60079-11:02 - Electrical apparatus for explosive gas atmospheres, Part 11: Intrinsic Safety "i"

CAN/CSA-E60079-15:02 - Electrical apparatus for explosive gas atmospheres, Part 15:Electrical Apparatus with type of protection "n"



Supplement to Certificate of Compliance

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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
1601154	2005/05/27	FISCO power supplies, Models 9121 and 9122, for Hazardous Locations