

# Certificate of Compliance

**Certificate:** 1075801

**Master Contract:** 150861 (I.R 69520)

**Project:** 1338230

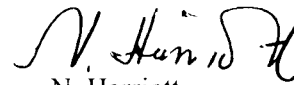
**Date Issued:** September 10, 2002

**Issued to:** DETCON INC.  
P.O. Box 8067  
3200 Research Forest Dr.  
Bldg. A-1  
The Woodlands, TX 77381  
USA  
Attention: Mr. Dan Alpha

*The products listed below are eligible to bear the CSA Mark shown  
with adjacent indicator 'NRTL/C'*



**Issued by:**

  
N. Harriott

**Authorized by:**

  
Mick A. Dano  
Operations Manager

## PRODUCTS

CLASS 4828 01- SIGNAL APPLIANCES - Combustible Gas Detection Instruments - For Hazardous Locations  
CLASS 4828 81 - SIGNAL APPLIANCES - Combustible Gas Detection Instruments - For Hazardous Locations -  
CERTIFIED TO U.S. REQUIREMENTS

Class I, Groups B, C and D:

- Combustible gas stand alone transmitter, Model No IR-622 with integral sensor housing P/N 390000-087 fitted with a IR Sensor P/N 365871-212, input rated 22.5 to 28V dc, 123mA at 24V dc, output 4-20mA, relay contacts rated 250V ac or 30V dc, 5A resistive. May be used with sensor rain shield P/N 6130 or splashguard P/N 613-12001-000, or P/N 613-12000-000.

- Combustible gas stand alone transmitter, Model No IR-622-RT, input rated 22.5 to 28V dc, 123mA at 24V dc, output 4-20mA, relay contacts rated 250V ac or 30V dc, 5A resistive; with remote sensor housing Model IR-622-RS containing sensor housing P/N 390000-087 fitted with a IR Sensor P/N 365871-212, input rated 24V dc, 45mA. May be used with sensor rain shield P/N 6130 or splashguard P/N 613-12001-000, or P/N 613-12000-000.

The 'NRTL/C' indicator adjacent to the CSA Mark signifies that the product has been evaluated to the applicable ANSI/UL and CSA Standards, for use in the U.S. and Canada. NRTL, i.e. National Recognized Testing Laboratory, is a designation granted by the U.S. Occupational Safety and Health Administration (OSHA) to laboratories which have been recognized to perform certification to U.S. Standards.



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- Combustible gas stand alone transmitter, Model No IR-522 with integral sensor housing P/N 390000-087 fitted with a IR Sensor P/N 365871-212, input rated 11 to 28V dc, 102mA at 24V dc, output 4-20mA. May be used with sensor rain shield P/N 6130 or splashguard P/N 613-12001-000, or P/N 613-12000-000.

- Combustible gas stand alone transmitter, Model No IR-522-RT, input rated 11 to 28V dc, 102mA at 24V dc, output 4-20mA, with remote sensor housing Model IR-522-RS containing sensor housing P/N 390000-087 fitted with a IR Sensor P/N 365871-212, input rated 11 to 28V dc, 45mA. May be used with sensor rain shield P/N 6130 or splashguard P/N 613-12001-000, or P/N 613-12000-000.

### APPLICABLE STANDARDS

CSA Std C22.2 No.	30-M1986	- Explosion-Proof Enclosures for Use in Class I Hazardous Locations
CSA Std C22.2 No.	142-M1987	- Process Control Equipment
CSA Std C22.2 No.	152-M1984	- Combustible Gas Detection Instruments
UL Std No.	916	- Energy Management Equipment
UL Std No.	1203	- Explosion-Proof and Dust-Ignition-Proof Electrical Equipment for Use in Hazardous (Classified) Locations
ISA Std No.	S12.13	- Performance Requirements, Combustible Gas Detectors

### MARKINGS

- Submitter's name or trademark
- Model designation
- Complete electrical rating (amps and volts)
- Serial number traceable to month and year of manufacture
- Hazardous location designations
- The CSA Mark/NRTL/C or C US
- The statement: "CAUTION: KEEP COVER TIGHT WHILE CIRCUITS ARE ALIVE" and "ATTENTION: GARDER LE COUVERCLE BIEN FERME LORSQUE LES CIRCUITS SONT SOUS TENSION".
- "CAUTION: UNDERSTAND MANUAL BEFORE OPERATION"
- "DETECTOR ONLY - SEE MANUAL" (except Model IR-622-RT and IR-522-RT )
- The wording "C22.2 No. 152"