

Certificate of Compliance

Certificate: 1166989

Master Contract: 150861 (LR 69520)

Project: 1338243


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: 
Nick Alfano
Operations Manager

PRODUCTS

CLASS 4828 02 - SIGNAL APPLIANCES - Toxic Gas Detection Instruments - For Hazardous Locations
CLASS 4828 82 - SIGNAL APPLIANCES - Toxic Gas Detection Instruments - For Hazardous Locations - CERTIFIED TO U.S. STANDARDS

Class I, Groups B, C and D:

- Toxic gas stand alone transmitter, Model No IR-640 with integral sensor housing P/N 390000-088 fitted with a IR Sensor P/N 365878-111, 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.

- Toxic gas stand alone transmitter, Model No IR-640-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-640-RS containing sensor housing P/N 390000-088 fitted with a IR Sensor P/N 365878-111, input rated 24V dc, 45mA. May be used with sensor rain shield P/N 6130, or splashguard P/N 613-12-001-000 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.



- Toxic gas stand alone transmitter, Model No IR-540 with integral sensor housing P/N 390000-088 fitted with a IR Sensor P/N 365878-111, 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.

- Toxic gas stand alone transmitter, Model No IR-540-RT, input rated 11 to 28V dc, 102mA at 24V dc, output 4-20mA, with remote sensor housing Model IR-540-RS containing sensor housing P/N 390000-088 fitted with a IR Sensor P/N 365878-111, 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
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

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-640-RT and IR-540-RT)