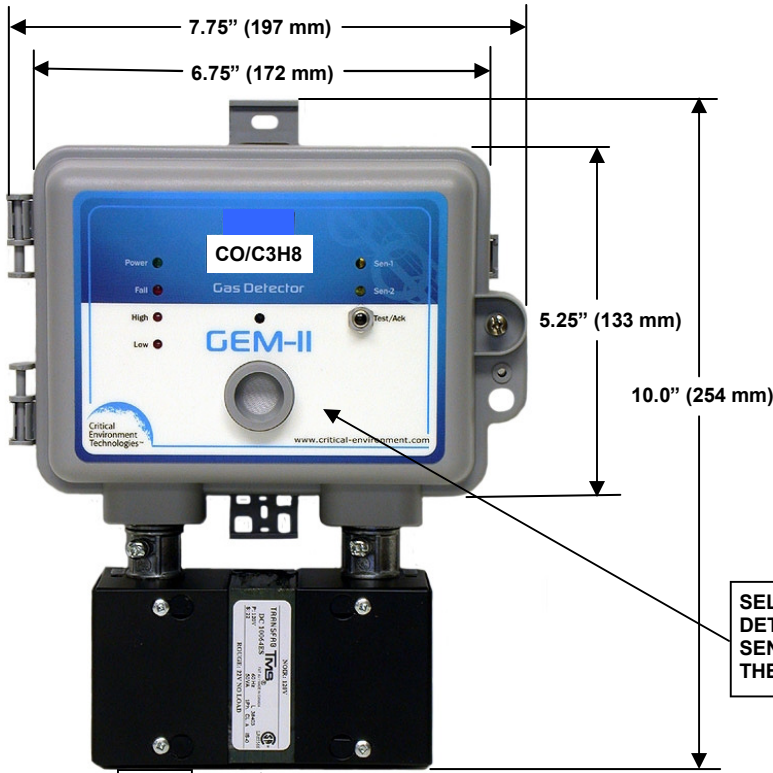




DELTA, BC CANADA  
 PH: 604-940-8741  
 www.critical-environment.com

**INSTALLATION & WIRING  
 CONNECTION DRAWING  
 REV-A**



SELF-CONTAINED GEM GAS  
 DETECTOR WITH INTEGRAL CO  
 SENSOR INSTALLED 4' TO 6'  
 FROM THE FLOOR (BREATHING ZONE)

FACTORY ATTACHED, TOTALLY  
 ENCLOSED, SECONDARY  
 TRANSFORMER 115VAC  
 INCOMING STEPS DOWN TO  
 22VAC FOR GEM DETECTOR

INSTALLER SUPPLIED  
 RIGID CONDUIT

INSTALLER SUPPLIED  
 ELECTRICAL JUNCTION  
 BOX

REMOTE COMBUSTIBLE GAS SENSOR  
 INSTALLED 6" FROM FLOOR FOR PROPANE.  
 SENSOR SUPPLIED BY CETCI

**WIRING TERMINAL CONNECTIONS**



1	N/O	RELAY-1 (LOW ALARM)
2	COM	RELAY-1 (LOW ALARM)
3	N/C	RELAY-1 (LOW ALARM)
4	N/O	RELAY-2 (HIGH ALARM)
5	COM	RELAY-2 (HIGH ALARM)
6	N/C	RELAY-2 (HIGH ALARM)
7	4-20	4-20 ANALOG OUTPUT
8	NEG	NEG. ANALOG OUTPUT
9	POS	POS. TERMINAL TO REMOTE SEN.
10	SIG+	SIG.+ TERMINAL TO REMOTE SEN.
11	NEG	NEG. TERMINAL TO REMOTE SEN.
12	GND	NOT USED
13	24V	FACTORY WIRED FROM TRANSFORMER
14	24V	FACTORY WIRED FROM TRANSFORMER

Critical Environment Technologies Canada Inc.
Name: GEM Dual-Channel, 120VAC, gas detector
Model: GEM-DECO-SCB-J
Date: September 12, 2011