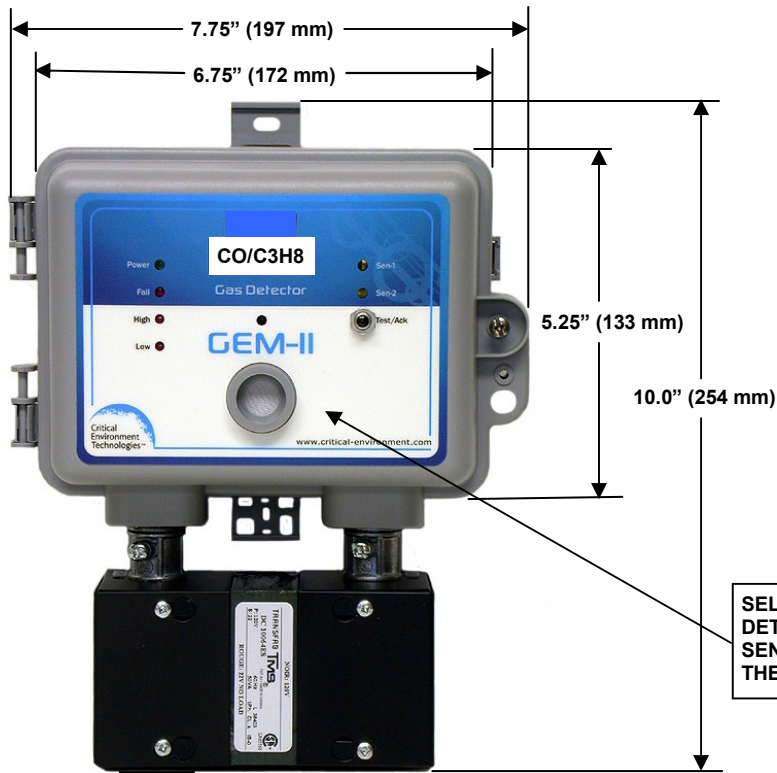




Critical Environment Technologies™

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



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

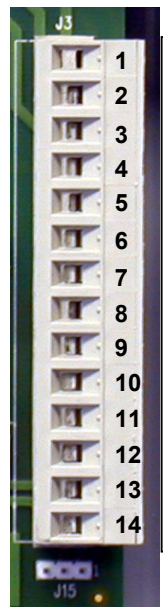
FACTORY ATTACHED, TOTALLY ENCLOSED, SECONDARY TRANSFORMER 115VAC INCOMING STEPS DOWN TO 22VAC FOR GEM DETECTOR

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