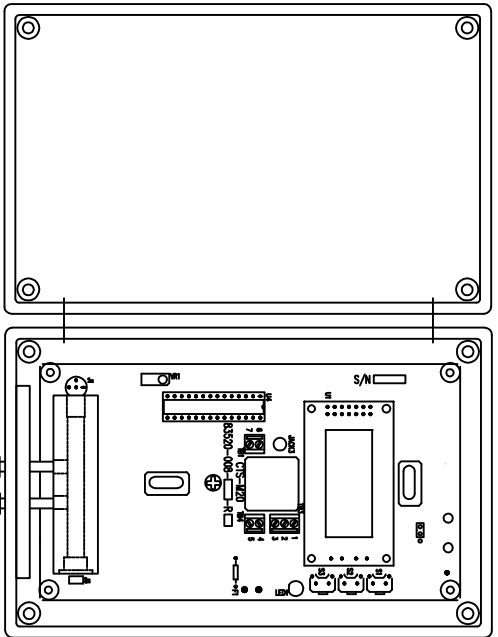


4

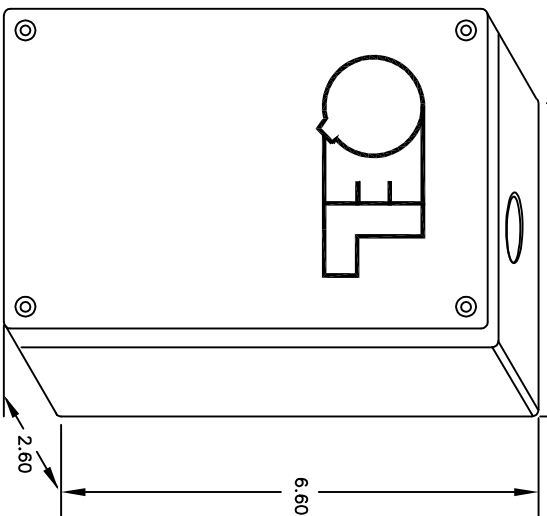
3

2

1



FLOW HOSE BARB
10-32 X 5/32PP



REV		DESCRIPTION		DATE		DRN		CHK		APPVD	
A	868	FIRST RELEASE		08-07-17	XY		CINDY	XY			

SPECIFICATIONS:

POWER SUPPLY
24 VAC or 24 VDC (Nominal)
Less than 100 milliamps operating
Allow 250 milliamps turn-on surge
Range: DC: 15 to 40 VDC
AC: 12 to 28 VAC

SIGNAL OUTPUT
4-20 mA linear : Max Impedance 750 Ohms
OR
2-10 VDC linear : Min Impedance 100,000 Ohms

OPERATING RANGE
2500 ppm Default
Adjustable 2000 - 5000 ppm CO2

SENSOR
Single-Beam Non-Dispersive Infra-Red

ENVIRONMENT
Temperature: 40°F to 104°F (5°C to 40°C)
Humidity: 0 to 99 % Non-Condensing

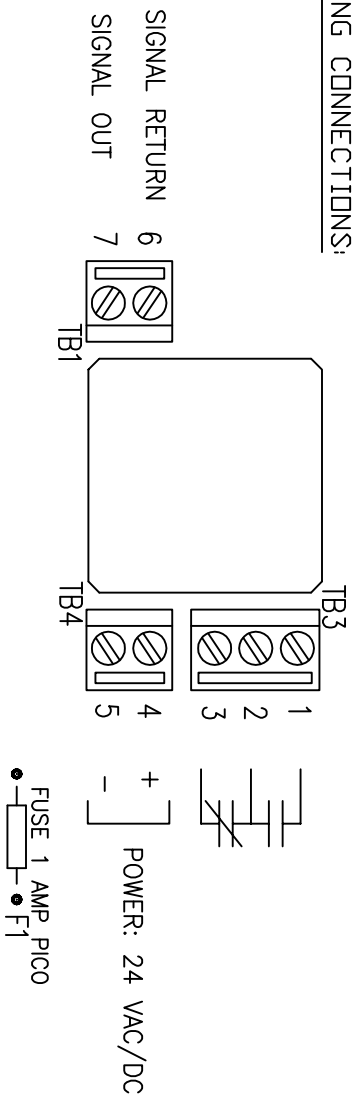
SENSOR/TRANSMITTER MOUNTING
Wall Mounting

CABLE ENTRY
From top of enclosure 94 V-0

ENCLOSURE
ABS Plastic Fire Retardant
Colour: Pantone - Cool Grey 2U

WIRE
Connectors: Terminal blocks, screw type for lead wire.
Size: Min. 26 AWG (0.40mm)
Size: Max. 16 AWG (1.3 mm)

WIRING CONNECTIONS:



3-WIRE INSTALLATIONS:

Where Signal Return may be equivalent to Power Negative or Ground, then a jumper wire must be supplied between Power Negative and Signal Return (Terminals 5 and 6). This may be done with 24VDC systems and AC systems grounded one side.

DRN	XY	08-07-17	QUATROSENSE ENVIRONMENTAL LTD		
CHK	XY	08-07-17	RICHMOND, BRITISH COLUMBIA		
DSGN	XY	08-07-17	M-20 NEMA 4		
APPVD			INSTALLATION DRAWING		
QA					
APPLICATION			SIZE	TYPE	DWG NO
			B	ID	83550-005-000
FINISH			SCALE	FILE	SHEET 1 OF 2

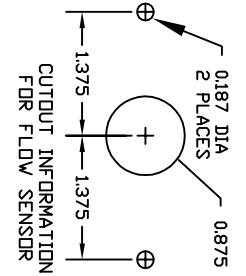
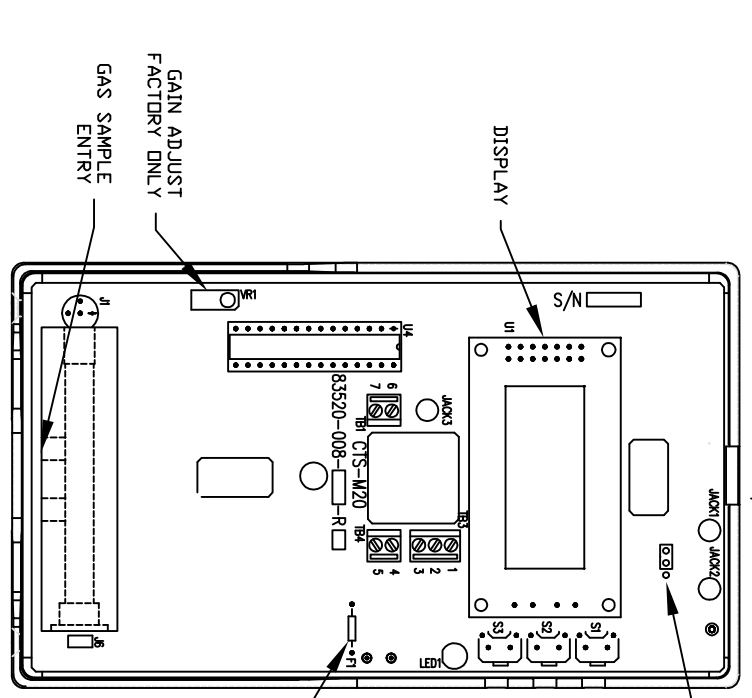
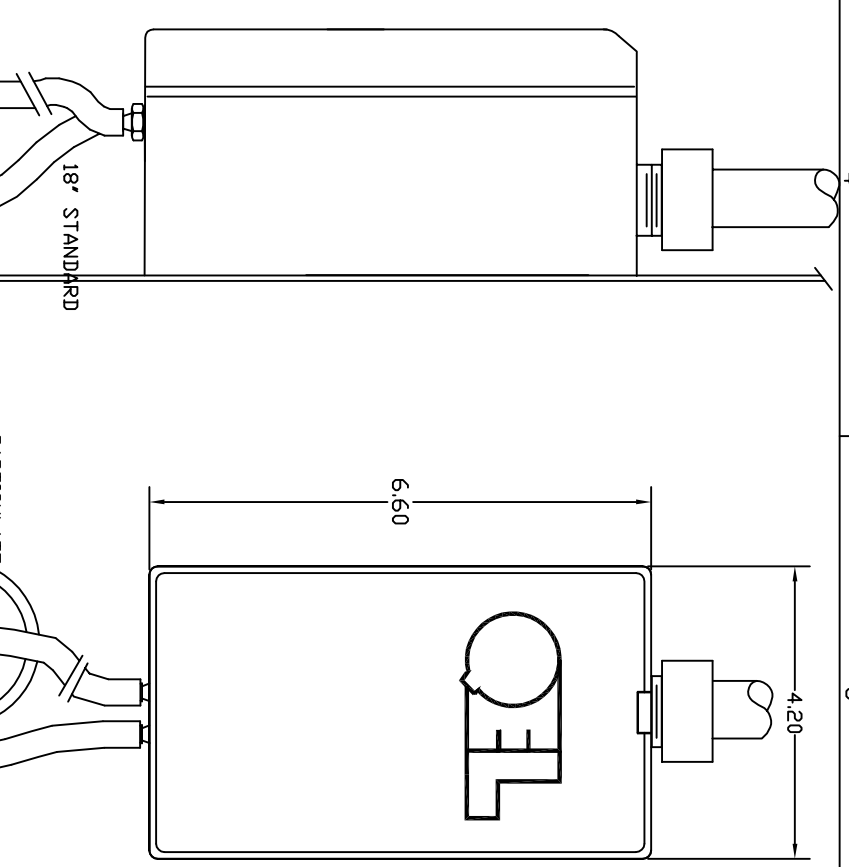
4

3

2

1

REVISIONS			
REV	ECO	DESCRIPTION	DATE
1	---	SEE SHEET ONE	---



NOTE: GAS SAMPLING OCCURS WHEN AIR FLOW ACROSS THE TWO TUBES CAUSES DIFFERENTIAL PRESSURE. THIS METHOD WILL NOT WORK IN STATIC AIR SAMPLING.

SIGNAL MONITORING METER PROBE JACKS

Jack1 4-20 mA signal output only
 Jack2 2-10 V signal output OR 4-20 mA negative (does not interrupt signal).
 Jack3 Signal Common (interrupts 4-20 mA output)

SIGNAL TYPE JUMPER
 CHOOSE MILLIAMP OR VOLTAGE
 000 4-20 mA (Default)
 010 2-10 V

A B C D

A B C D

DUCT MOUNTING OPTION

4 3 2 1

DRN	XY	08-07-17	QUATROSENSE ENVIRONMENTAL LTD	
CHK	XY	08-07-17	RICHMOND, ONTARIO, CANADA	
DESIGN	XY	08-07-17	M-20 NEMA 4	
APPVD			INSTALLATION DRAWING	
QA				
APPLICATION				
SIZE	TYPE	DWG NO	REV	
B	ID	833550-005-000	A	
SCALE	FILE	833550-005-005-000-R1X.DWG SHEET 2 OF 2		