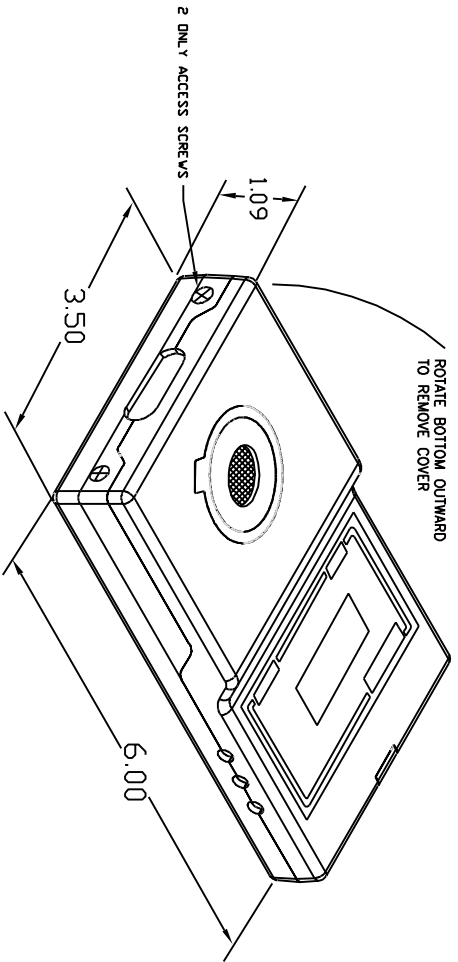


REV		DESCRIPTION	DATE	DRN	CHK	AP/VD
A	---	FIRST RELEASE	03-07-29	XY	BC	XY
B	649	CHANGE TEMPERATURE	2004/08	XY	XY	XY
C	685	RS-485 DEFAULTS	05-02-04	DH	CG	DH
D	785	POTENTIOMETER ADJUSTMENT	06-10-04	CLG	CLG	XY

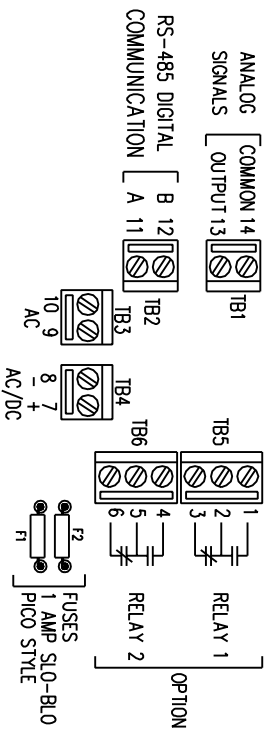
ROTATE BOTTOM OUTWARD TO REMOVE COVER



Sensor Selection Table

Code	Gas	Symbol	Ranges			Mounting Heights
			Signal Range Standard	Signal Range Maximum	Display Range	
130	Oxygen	O2	25%	25%	25%	4-6 Ft (1.5-2m)
150	Nitrogen Dioxide	NO2	6 PPM	10 PPM	10 PPM	0-2 Ft (0-0.5m)
160	Carbon Monoxide	CO	125	125	125	4-6 Ft (1.5-2m)
190	Nitric Oxide	NO	100	100	100	4-6 Ft (1.5-2m)
220	Ammonia	NH3	50	50	50	0-2 Ft (0-0.5m) From Ceiling

WIRING CONNECTIONS:



SPECIFICATIONS:

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

SIGNAL OUTPUT
 4-20 mA linear
 OR
 2-10 VDC linear

OPERATING RANGE
 SEE Sensor Selection Table

SENSOR
 Electrochemical sensor

ENVIRONMENT
 Temperature: -4°F to 104°F (-20°C to 40°C)
 Humidity: 0 to 99 % Non-Condensing

SENSOR/TRANSMITTER MOUNTING
 Wall Mounting :
 Mount holes fit standard Switch Box
 CABLE ENTRY
 From back of enclosure 94 V-0

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

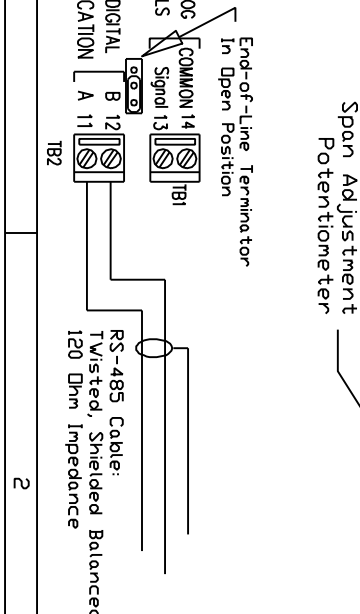
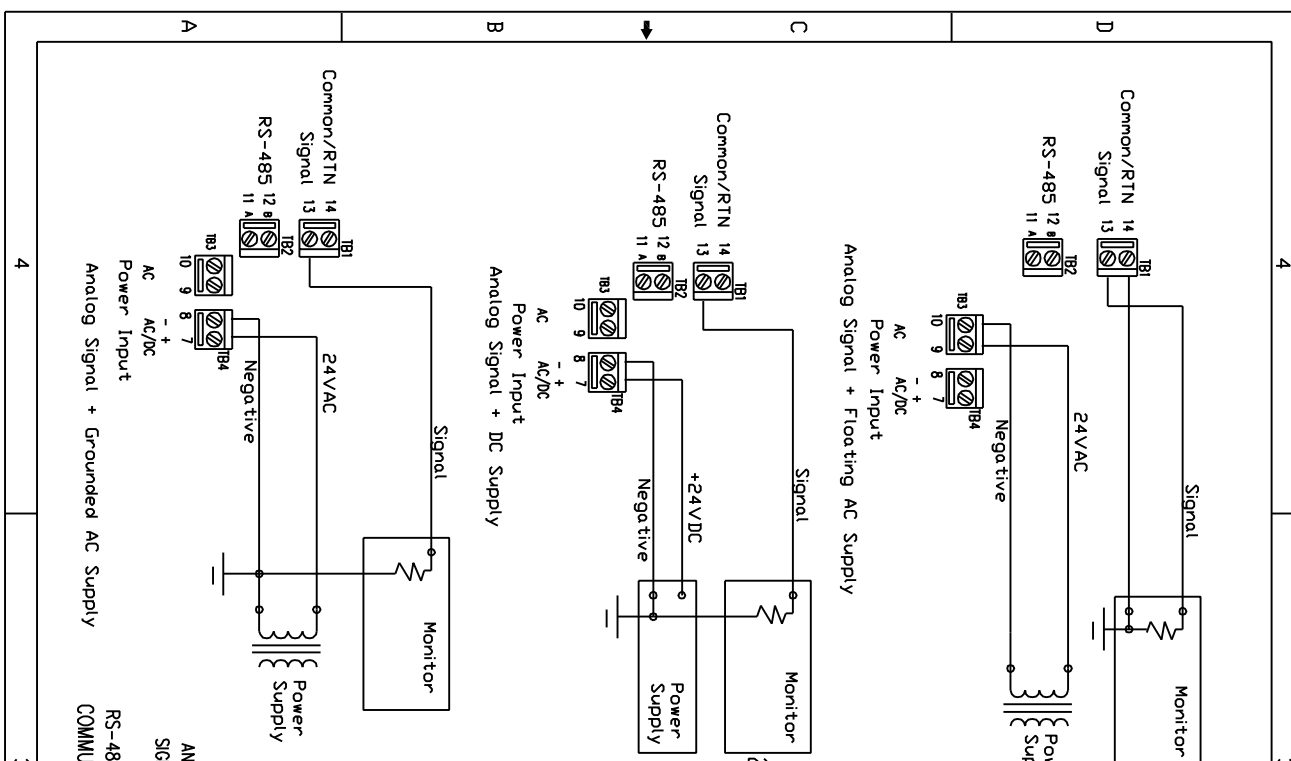
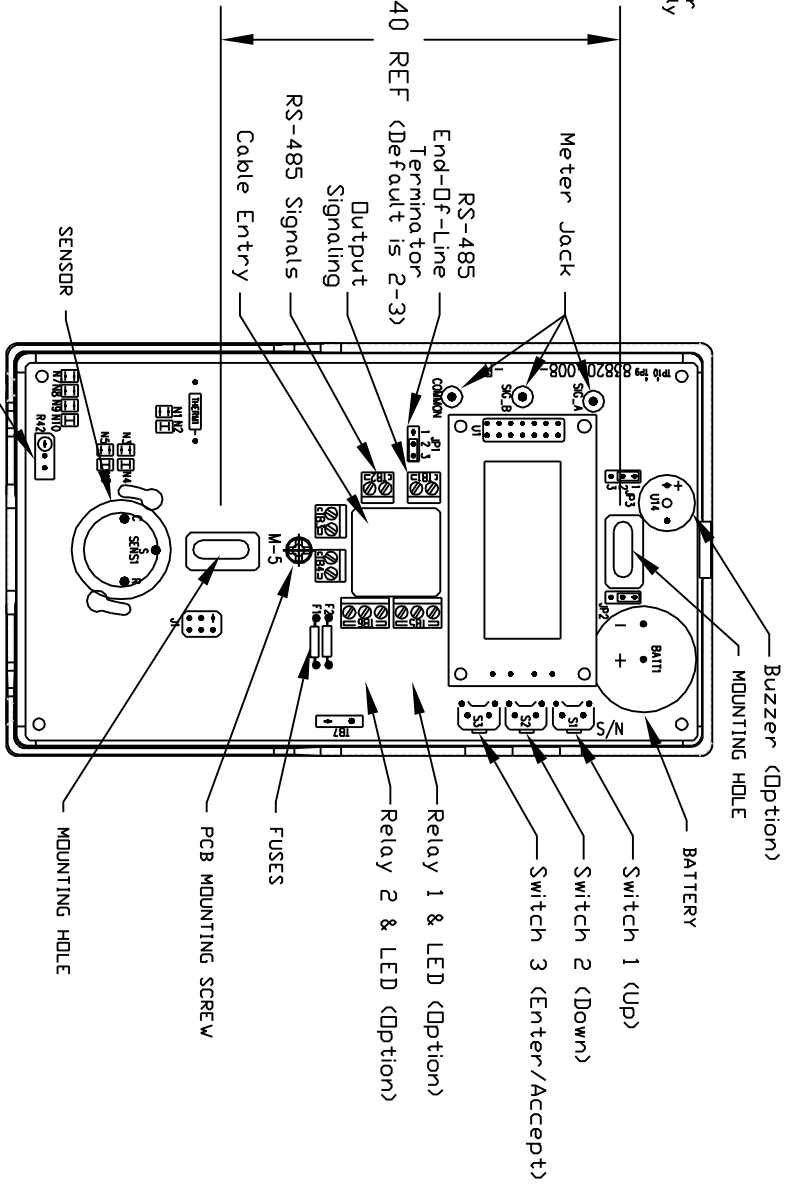
WIRE
 Connectors: Terminal blocks,
 screw type for lead wire.
 Size: Min. 26 AWG (0.40mm)
 Size: Max. 16 AWG (1.3 mm)

ALARM OPTION
 Relays (2) 1 Amp SPDT
 Buzzer

DRN Y/D/BE	03-07-29	QUATROSENSE ENVIRONMENTAL LTD
CHK		NICHIBUN, ONTARIO, CANADA
ISSN Y/D/BE	03-07-29	
AP/VD		
QA		
APPLICATION		
SIZE	TYPE	DWG NO
B	ID	83850-003-000
SCALE	FILE	REV
		D
		DR 3

M-5
 DUCT MOUNT
 INSTALLATION DRAWING

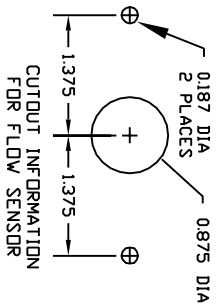
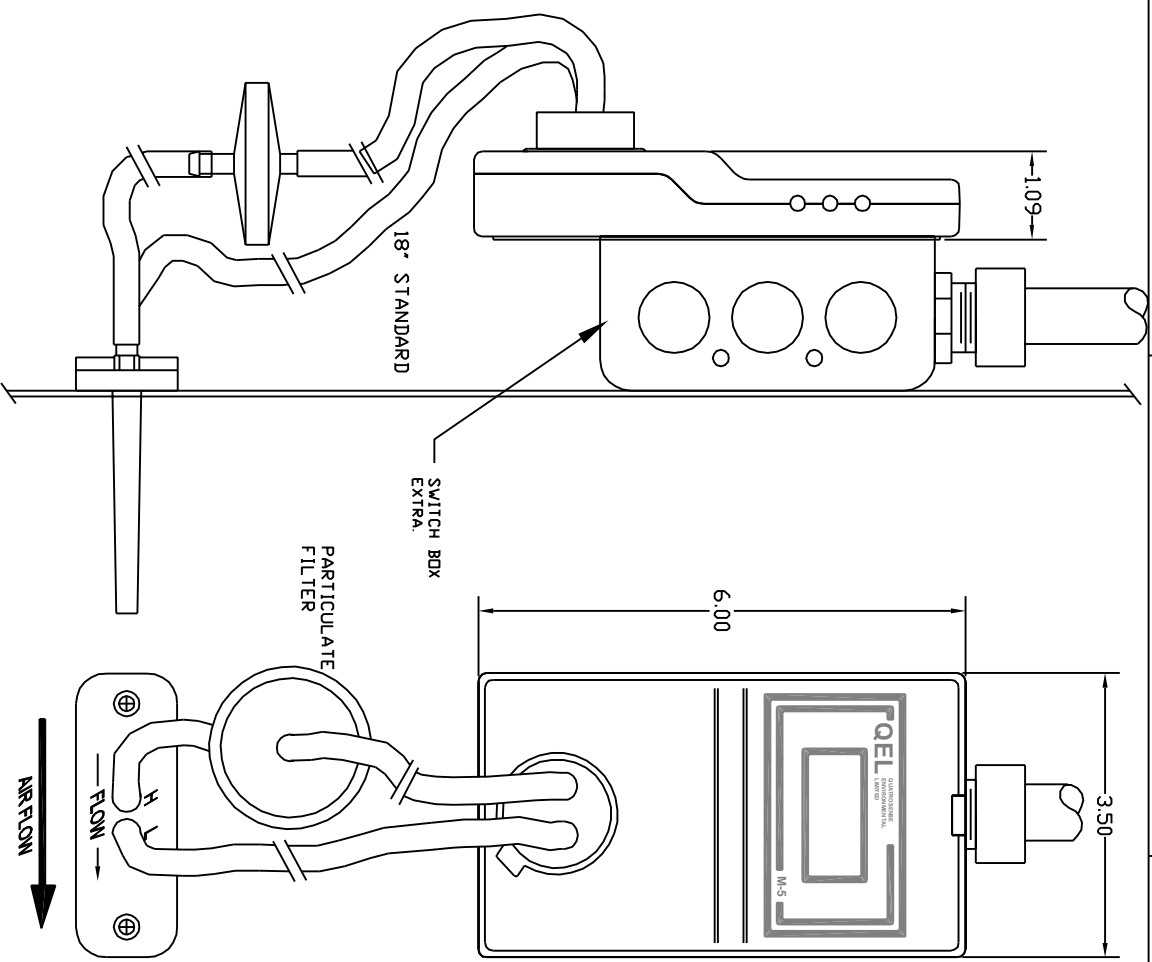
REVOLUTIONS			
REV	ECD	DESCRIPTION	DATE
ALL	---	SEE SHEET ONE	



DRN	Y. DUBE	03-07-29	QUATROSENSE ENVIRONMENTAL LTD
CHK	Y. DUBE	03-07-29	RICHMOND, ONTARIO, CANADA
DISC	Y. DUBE	03-07-29	
APVD			
QA			
APPLICATION			
DUCT MOUNT			
INSTALLATION DRAWING			
SIZE	B	TYPE	DWG NO
SCALE	1:1	FILE	83850-003-000
SHEET 2 OF 3		REV D	

REV		ECD		DESCRIPTION		DATE		DRN		CHK		APP/VD	
ALL	---	---	---	SEE SHEET ONE									

REVISIONS



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

DRN	Y. DOUBE	00-12-13	QUATROSENSE ENVIRONMENTAL LTD
CHK	Y. DOUBE	00-12-13	RICHMOND, ONTARIO CANADA
DISCN	Y. DOUBE	00-12-13	
APP/VD			
QA			
APPLICATION			
DUCT MOUNT			
M-5			
INSTALLATION DRAWING			
SIZE	B	TYPE	DWG NO
ID			83850-003-000
REV	D		
FINISH	---	FILE	SHEET 3 OF 3

