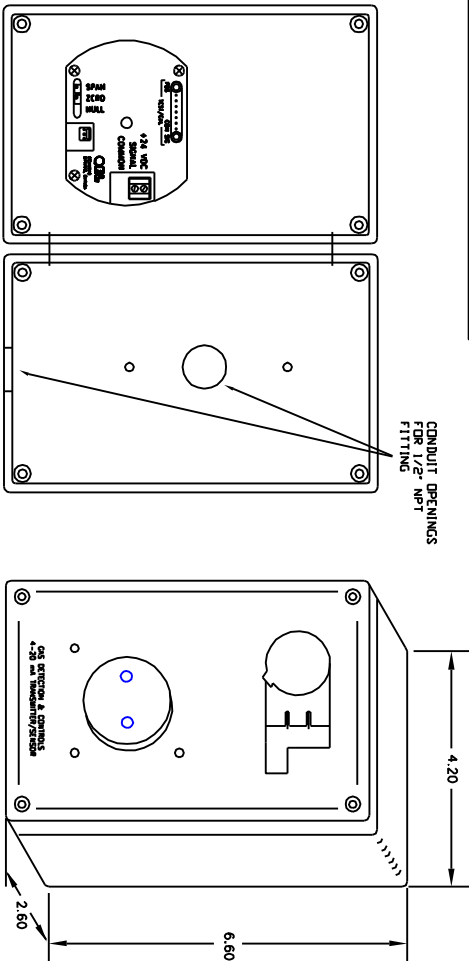


THIS DRAWING CONTAINS INFORMATION WHICH IS THE PROPRIETARY PROPERTY OF QUATROSENSE ENVIRONMENTAL LTD. THIS DRAWING IS RECEIVED IN FULL AND WITHOUT RESERVATION OF ANY RIGHTS OR INTERESTS IN THE PATENT RIGHTS OR OTHER INTELLECTUAL PROPERTY RIGHTS OF QUATROSENSE ENVIRONMENTAL LTD.

CONDUIT OPENINGS
FOR 1/2" NPT
FITTING



4

3

2

1

SPECIFICATIONS

POWER SUPPLY

+24 VDC (Nominal)
12-36 VDC

SIGNAL OUTPUT

4-20 mA

SENSOR

Electrochemical

ENCLOSURE

ABS Plastic Fire Retardant Cover,
94 V-0
1/2" Conduit entry holes supplied
on top.

ENVIRONMENT

TRANSMITTER/SENSOR MOUNTING

Flat surface mounting is designed to
be installed on a standard single wall
switch box,
(2 holes 3/16" Dia. at 3-3/8" apart).

WIRE

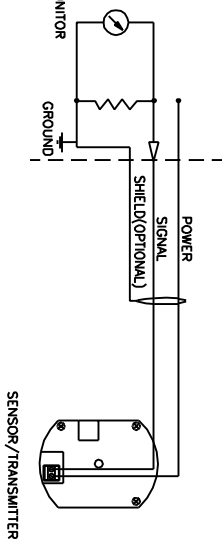
Connection: Terminal block,
Size: Min. 24 AWG (0.051 mm)
Size: Max. 14 AWG (0.016 mm)

CALIBRATION RECOMMENDATION

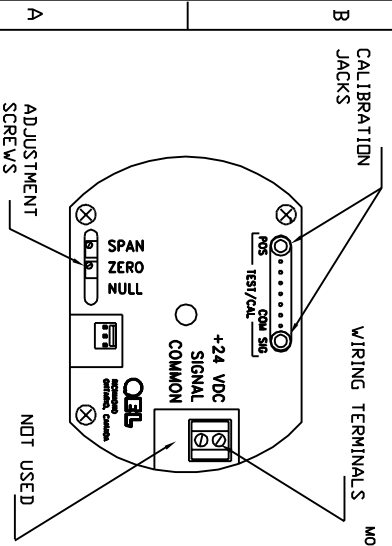
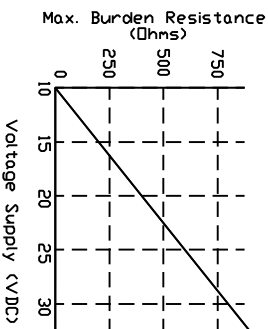
Every 90 days max.

PAINTING

When painting in the area, protect
sensor opening with masking tape.



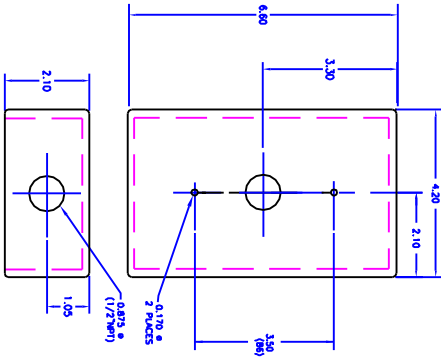
MAXIMUM SIGNAL LOAD



MODEL #	GAS	MOUNTING	OPERATING TEMPERATURE
OTS-61110	H2S	LOW	MIN. C. (°F) MAX. C. (°F)
OTS-61115	H2N	MID	-40 (-40) 50 (122)
OTS-61120	CL2	LOW	-20 (-4) 50 (122)
OTS-61123	CL02	LOW	-20 (-4) 50 (122)
OTS-61125	HCL	MID	-20 (-4) 50 (122)
OTS-61140	S02	LOW	-20 (-4) 50 (122)
OTS-61150	N02	LOW	-20 (-4) 50 (122)
OTS-61160	CO	MID	-20 (-4) 50 (122)
OTS-61180	NO	MID	-20 (-4) 50 (122)
OTS-61211	H2	HIGH	-20 (-4) 50 (122)
OTS-61220	NH3	HIGH	-25 (-13) 30 (86)
OTS-61230	C2H4O	LOW	-20 (-4) 50 (122)
OTS-61240	O3	MID	-20 (-4) 50 (122)

HUMIDITY:

0 to 99 % Non Condensing Intermittent
0 to 90 % Non Condensing Continuous
* LDW = 9 - 18" (0.23 to 0.46 m) above floor.
HIGH = 9 to 18" (0.23 to 0.46 m) below ceiling.
MID = 4 to 6 ft (1.2 to 1.8 m) above floor.



REV	DATE	BY	CHK	APP'D
1	97-05-09	...	...	...
2	97-05-09	...	...	...
3	97-05-09	...	...	...
4	97-05-09	...	...	...
5	97-05-09	...	...	...
6	97-05-09	...	...	...
7	97-05-09	...	...	...
8	97-05-09	...	...	...
9	97-05-09	...	...	...
10	97-05-09	...	...	...
11	97-05-09	...	...	...
12	97-05-09	...	...	...
13	97-05-09	...	...	...
14	97-05-09	...	...	...
15	97-05-09	...	...	...
16	97-05-09	...	...	...
17	97-05-09	...	...	...
18	97-05-09	...	...	...
19	97-05-09	...	...	...
20	97-05-09	...	...	...
21	97-05-09	...	...	...
22	97-05-09	...	...	...
23	97-05-09	...	...	...
24	97-05-09	...	...	...
25	97-05-09	...	...	...
26	97-05-09	...	...	...
27	97-05-09	...	...	...
28	97-05-09	...	...	...
29	97-05-09	...	...	...
30	97-05-09	...	...	...
31	97-05-09	...	...	...
32	97-05-09	...	...	...
33	97-05-09	...	...	...
34	97-05-09	...	...	...
35	97-05-09	...	...	...
36	97-05-09	...	...	...
37	97-05-09	...	...	...
38	97-05-09	...	...	...
39	97-05-09	...	...	...
40	97-05-09	...	...	...
41	97-05-09	...	...	...
42	97-05-09	...	...	...
43	97-05-09	...	...	...
44	97-05-09	...	...	...
45	97-05-09	...	...	...
46	97-05-09	...	...	...
47	97-05-09	...	...	...
48	97-05-09	...	...	...
49	97-05-09	...	...	...
50	97-05-09	...	...	...
51	97-05-09	...	...	...
52	97-05-09	...	...	...
53	97-05-09	...	...	...
54	97-05-09	...	...	...
55	97-05-09	...	...	...
56	97-05-09	...	...	...
57	97-05-09	...	...	...
58	97-05-09	...	...	...
59	97-05-09	...	...	...
60	97-05-09	...	...	...
61	97-05-09	...	...	...
62	97-05-09	...	...	...
63	97-05-09	...	...	...
64	97-05-09	...	...	...
65	97-05-09	...	...	...
66	97-05-09	...	...	...
67	97-05-09	...	...	...
68	97-05-09	...	...	...
69	97-05-09	...	...	...
70	97-05-09	...	...	...
71	97-05-09	...	...	...
72	97-05-09	...	...	...
73	97-05-09	...	...	...
74	97-05-09	...	...	...
75	97-05-09	...	...	...
76	97-05-09	...	...	...
77	97-05-09	...	...	...
78	97-05-09	...	...	...
79	97-05-09	...	...	...
80	97-05-09	...	...	...
81	97-05-09	...	...	...
82	97-05-09	...	...	...
83	97-05-09	...	...	...
84	97-05-09	...	...	...
85	97-05-09	...	...	...
86	97-05-09	...	...	...
87	97-05-09	...	...	...
88	97-05-09	...	...	...
89	97-05-09	...	...	...
90	97-05-09	...	...	...
91	97-05-09	...	...	...
92	97-05-09	...	...	...
93	97-05-09	...	...	...
94	97-05-09	...	...	...
95	97-05-09	...	...	...
96	97-05-09	...	...	...
97	97-05-09	...	...	...
98	97-05-09	...	...	...
99	97-05-09	...	...	...
100	97-05-09	...	...	...

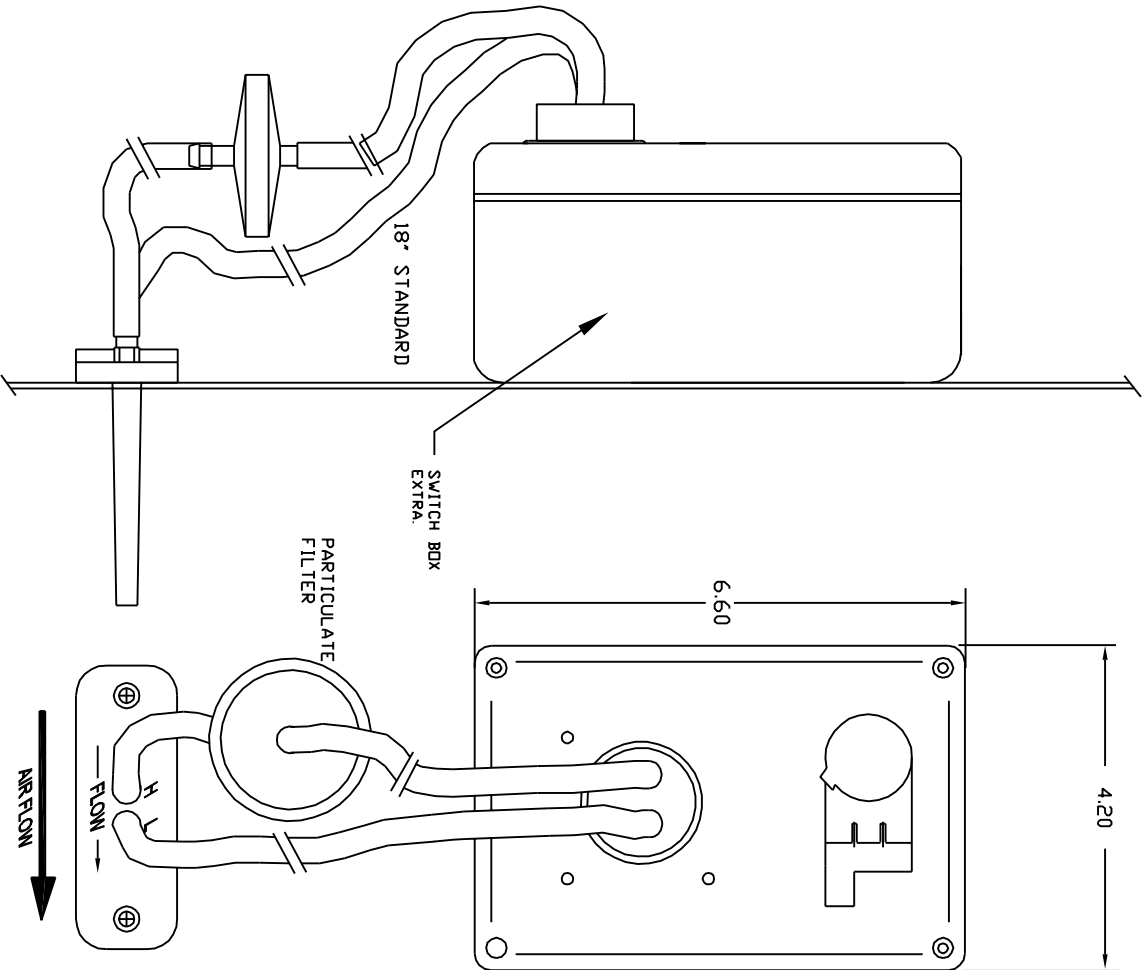
4

3

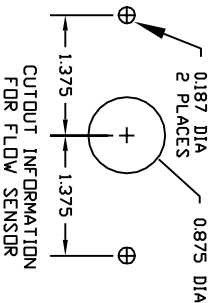
2

1

REVISIONS					
REV	ECD	DESCRIPTION	DATE	DRN	CHK
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.



DRN	Y DUBC	00-12-13	QUATROSENSE ENVIRONMENTAL LTD			
CHK			RICHMOND, ONTARIO, CANADA			
DISC	Y DUBC	00-12-13	ANALOG TRANSMITTER/SENSOR			
APVD			QTS-6000 SERIES			
QA			DUCT MOUNT INSTALLATION			
APPLICATION						
GENERAL						
FINISH			SCALE			
----			----			

SIZE	TYPE	DWG NO	REV		
B	ID	71050-007-000	D		
SHEET		2	OF	2	