Project : Oxygen Analysers, 09 Oct '00.

Divex Mini-O2.

%O2 @ 10.0mV : 6.7%.
Cal range : 2.4 – 9.9%.
Median %O2 set to : 6.1%.

+ve connection to red on 2 pin header.
-ve connection to black on 2 pin header.

No sensor available.

Voltage levels (in mV) for req'd O2 settings.

0% O2.	1% O2.	2% O2.	3% O2.	4% O2.	5% O2.	6% O2.
0.0.	1.7.	3.3.	4.9.	6.5.	8.2.	9.9.
7% O2.	8% O2.	9% O2.	10% O2.	11% O2.	12% O2.	13% O2.
11.5.	13.1.	14.8.	16.4.	18.0.	19.7.	21.4.
14% O2.	15% O2.	16% O2.	17% O2.	18% O2.	19% O2.	20% O2.
23.1.	24.6.	26.3.	27.9.	29.6.	31.2.	32.9.
21% O2.	22% O2.	23% O2.	24% O2.	25% O2.	26% O2.	27% O2.
34.5.	36.0.	37.7.	39.4.	41.0.	42.7.	44.3.
28% O2.	29% O2.	30% O2.	35% O2.	40% O2.	45% O2.	50% O2.
45.9.	47.6.	49.2.	57.4.	65.6.	73.9.	82.1.
55% O2.	60% O2.	65% O2.	70% O2.	75% O2.	80% O2.	85% O2.
90.3.	98.5.	106.0.	115.0.	123.0.	131.0	139.0.
90% O2.	95% O2.	100% O2.				
147.5.	155.5.	164.0.				

Physical changes.

1. MiniO2 original fuel cell holder removed.
2. R22DVHO case split. Upper portion and 3 pin molex plug removed. Wires soldered directly to cell pcb; pin 1 (cell) to pin 2 (2 pin molex socket), pin 3 (cell) to pin 1 (2 pin molex socket). Length 50mm.
3. Cell fitted and secured on outside of case by flow diverter.

Electrically compatible.

Cal'd to read 100 in 100% O2, returned to air - reads 21.3%.