## Vandagraph Sensor Technologies



Dear Sir,

We are happy to supply sensors to your specification. Any cables and/or connectors are to be supplied by yourselves as free issue or specified on original manufacturers data-sheets. The specification of these items and their quality remain the responsibility of yourselves. It is important that you understand and recognise that the sensor sub assemblies that Vandagraph Sensor Technologies Ltd procures were initially designed for use in atmospheric gases at 1Bar pressure. Neither the manufacturer nor Vandagraph Ltd. have the facilities, or re-breather knowledge to test these sensors for use in re-breathers.

We have been advised by re-breather manufacturers that in an underwater environment these sensors are likely to encounter extreme conditions such as moisture and Oxygen Partial Pressures to 2 Bar. Without deviating from the basic specification a hydrophobic membrane is available. This helps to disperse excess moisture on the surface of the sensor. The internal PCB will be coated with a conformal coating to help protect it from moisture. The internal PCB has two 2mm holes and the outer case can have a 1mm hole so that pressure can be equalised on the front and rear membranes.

Vandagraph Sensor Technolgies Ltd. expect the purchaser/manufacturer to carry out all "fit for purpose tests" required before these sensors are used underwater.

The sensors supplied will have standard limited warranty.

I would be grateful if you could sign the waiver below and return an original to me as soon as possible.

Name:	RAYMAENERS PAUL
Position:	OWNER
Company	RAYTECH /REVO
Address:	DIRK MARTENSSTR 34 BEOODRUGGE
Telephone number	003250454405
Fax number	0032 50454409
email	PAUL @REVO-REBARATMERS, COM
Web address	WWW. REVO- REBREATHERS COM

I the undersigned:-

Understand that the sensors supplied by Vandagraph Sensor Technologies Ltd. and it's suppliers are designed for surface use in 1 Bar pressure. I undertake to carry out all relevant and mandatory tests tests to ensure their fitness for purpose before including them as a component in any underwater apparatus used or supplied by ourselves.

Signed:

Date.

V 27 1041 20

Kind regards

John S Lamb