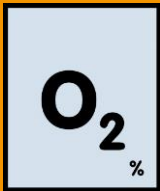




## FluoMini Optical O<sub>2</sub> | T-sensor



The Sendot optical oxygen sensor, is based on the principle of fluorescence quenching. The sensitive coating has two components, one to measure temperature and one to measure Oxygen. The temperature compensation of the oxygen measurement is thus uniquely and ideally embedded in the same coating. Because the coating does not use oxygen for the measurement this technology can be used in closed, nonstirred environments. The temperature compensation with an embedded component does not suffer from response time differences, making it possible to use the sensor in fast changing environments.

The Sendot optical oxygen sensor  
Specifications:

|                    |                             |
|--------------------|-----------------------------|
| Range:             | 0 to 40% Vol.               |
| Temperature Range: | 5 to +45°C                  |
| Accuracy:          | 0.1% (0-1%)<br>0.2% (1-40%) |
| Sample time        | < 2s (freq. > 1.25 Hz)      |
| Resolution:        | 0.01%                       |
| Output:            | Serial/USB                  |
| Software:          | Windows/Android             |
| Power Supply:      | 5VDC (100mA)                |



### Adres

Sendot research BV  
Veilingweg 44  
3981 PC Bunnik  
The Netherlands

Phone +31 (0)30-636 84 77  
E-mail [info@sendot.nl](mailto:info@sendot.nl)

[www.sendot.nl](http://www.sendot.nl)