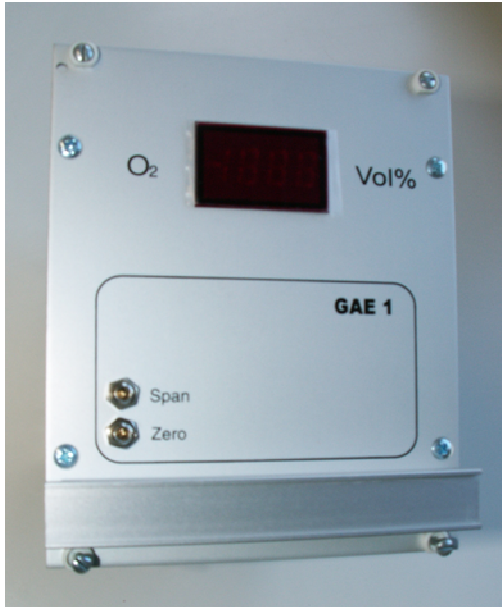


Gas Analyzer GAE1 O₂



The gas analyser is provided with a chemical sensor.

Oxygen absorbs infrared light not to the same extent as other gases, therefore it is measured by means of an oxygen sensor cell. Oxygen sensors constitute generators that do not require any external voltage source. Due to the fact that every measuring is coupled with a chemical reaction, the cell gradually dissipates in the presence of oxygen.

Technical Data

Range:	0-25 VolV%O₂
Accuracy:	+/- 1% FS (Full scale)
Pressure Dependence:	< 1% FS / 10hPa
Lower Detection Limit:	< 1% FS
Response Time:	15 Sec
Temperature Range:	5-45 °C
Humidity Range:	15-100% rel. Humidity (non condensing)
Lifetime:	> 2 Years
Measurig gas flow:	10 - 90 l/h
Power Supply:	24-30VDC (electronic stabilized)
Power Consumption:	< 200mA
Analoque output:	4-20mA (non isulated)
Max Load mA-Output:	< 100 Ohm
Dimensions:	Weight 107mm (1/4 19"), Deep: 200mm