

Gas Analyzer GAE1 O₂-P



The gas analyser is provided with a paramagnetic Cell. The O₂-Measuring of the analyzer is using the significant paramagnetic properties of the oxygen molecules for measuring Oxygen. The module is maintenance free with a long lifetime for precise operation. The Cell is heated up to 55°C.

Technical Data

Range:	0-25 Vol%O₂
Accuracy:	+/- 1% FS (Full scale) at P/T const.
Pressure Dependence:	1% pressure change = 1% change reading
Repeatability:	< 0,05% O₂ (at gas switch > 5 min)
T90 time:	< 5 Sec
Warm-up time:	1,25 h at 20°C Ambienttemperature
Temperature Range:	5-55 °C
Humidity Range:	0-90% RH
Measuring gas flow:	10 - 70 l/h
Power Supply:	24-28VDC (electronic stabilized)
Power Consumption:	<1A
Analogue output:	4-20mA (non isolated)
Max Load mA-Output:	< 100 Ohm
Dimensions:	Weight 107mm (¼ 19“), Deep: 250mm