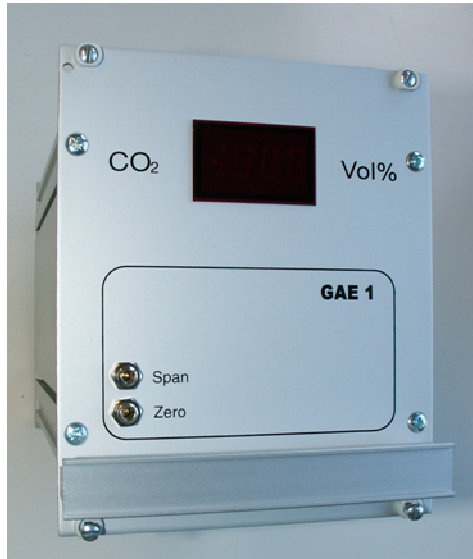


Gas Analyzer GAE1 CO₂



The gas analyzer GAE is a non-dispersive infrared-photometer (NDIR). It records the absorption of infrared rays, caused by the measuring gas. The wavelengths of the absorption bands characterize the type of gas, whilst the intensity of the absorption is a measurement for the concentration of the measuring components.

Technical Data

Range:	0-2000ppm, 0-10, 0-50, 0-100 Vol%CO₂
Accuracy:	+/- 2% FS (Full scale)
Pressure Dependence:	< 2% FS / 10hPa (non compensated) < 0,2% FS / 10hPa (compensated, optional)
Lower Detection Limit:	< 1% FS
Response Time:	10 Sec
Temperature Range:	5-45 °C
Humidity Range:	0-100% rel. Humidity (non condensing)
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