**Emission monitors gas**

**GMS800 extractive gas analyser**

***Description:***

The GMS800 is a product family of extractive analysers which can measure more than 60 different gas compounds. The GMS800 is characterized by its modular design: 6 analysing modules, one gas module, I/O modules and an operating unit. Standardized 19" racks can be used for economic system integration. Wall mounting enclosures with an ATEX approval for hazardous areas can be used in rough industrial environments. Equipped with modern software, the GMS800 comes with the required interfaces for remote control via networks through to the connection to a process control system.

**Specification:**

Measured values: Ar, CH4, CH3OH, C2H2, C2H2F4, C2H4, C3H6, C3H8, C4H6, Cl2, CO, CO2, COCl2, COS, CS2, H2, H2S, He, NH3, NO, N2O, NO2, O2, SF6, SO2, other components on request

Performance-tested measurements: CH4, CO, CO2, NO, NO2, O2, SO2

Gas flow rate: 30 l/h ... 60 l/h

Analyser inlet: 0 °C ... +45 °C

Hosed gas lines: –200 hPa ... 300 hPa

Tubed gas lines: –200 hPa ... 1,000 hPa

Process gas humidity: Non-condensing

Dust load: Free of dust and aerosols

Ambient temperature: +5 °C ... +45 °C

Storage temperature: –20 °C ... +70 °C

Ambient pressure: 700 hPa ... 1,200 hPa

Geographical altitude + 2,500 m (above mean sea level)

Ambient humidity: 20 % ... 90 %

Relative humidity, non-condensing

Electrical safety: CE