SETNAG

S24N - EUT

OXYGEN ANALYZER

IN THE GASES

The **S24N-EUT** oxygen analyzer has been developed to be associated with emission pollutant measurement systems.

By design, the analyzer operates on a sampling circuit under vacuum or pressure. The entire sensor can be maintained at high temperature (up to 200°C) to prevent the formation of cold spots.

The **S24N-EUT** model is characterized by its simplicity:
- Simplicity of implementation due to the absence of reference air (MicroPoas®[1]).
- Simplicity of use with access to all functions via the touch screen of the electronics.
- Simplicity of maintenance due to the product's own design.

[1] Patented by ANVAR/CNRS/U. Grenoble

• ITS STRENGTHS

- Combustion and incineration control
- Integrated MicroPoas® technology
- Sensor can be heated above dew points

- Measurement by diffusion for better protection of the sensitive element
- Easy and fast installation
- Minimal maintenance requirements
- Excellent measurement reliability

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ISO 9001
DEKRA

- ## TECHNICAL DATA

MEASUREMENT PRINCIPAL	**MicroPoas®** Zirconia probe with internal metallic reference
SCALE	0,01 to 25% vol. O_2
MAXIMUM TEMPERATURE OF GASES TO BE ANALYZED (CONTINUOUS)	**230°C** (High-temperature version available on request)
REPONSE TIME	T90 @1l/mn = 90s
GAS FLOW RATE	Mini = **0,5l/mn** – Nominal = **1 to 2 l/mn**
DIAGNOSTIC ASSISTANCE	Visualization of operating parameters, indication of fault type
OUTPUT SIGNAL	**0-20 mA or 4-20 mA**, linear, galvanically isolated, configurable from 0.01 to 25%
ALARMS	2 threshold alarms and 1 general fault alarm
ACCURACY	**2% of the measure**
DIMENSIONS AND WEIGHT	Sensor: 175 (h) x 53 (Ø) mm - 0,75 kg rack 19" electronics: 482.5 x 133 x 320 mm – 5kg
CONDITIONS OF USE	Humidity: **5 to 90%** without condensation Temperature: **0 to 55°C**
PROTECTION RATINGS	Sensor: IP53 – IK05 Electronics: IP52 – IK05
POWER SUPPLY AND CONSUMPTION	**230 or 115 Vac** - 50/60 Hz – 130 VA

OPTIONS

- **Calibration kit for 1 or 2 gases**
- Automatic calibration

Please contact us

- Pressure compensation
- **Digital output RS485 - (ModBus protocol)**

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