

LISO/P OXYGEN SENSOR **IN THE GASES**

The **LISO/P** sensor, designed and manufactured by SETNAG, meets the needs of a wide range of industrial users. It incorporates SETNAG's unique technology: the MicroPoas¹ zirconia probe with an internal metallic reference.

When paired with the Oxybox'Air transmitter, it can measure both trace levels of oxygen and concentrations of several percent without risking sensor damage.

The **LISO/P** sensor is composed of a MicroPoas S24N6 placed inside a furnace. This furnace maintains the MicroPoas at an appropriate temperature.

The furnace includes a connection head, a sealing gasket, and a sintered stainless steel filter.



¹Patent ANVAR/CNRS/U. Grenoble

• APPLICATIONS

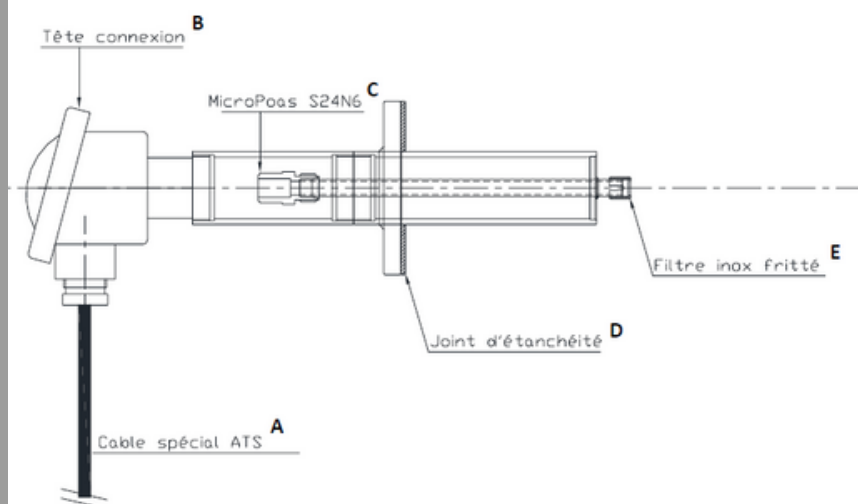
- Laser sintering
- Fundamental research
- Vacuum atmosphere control



• TECHNICAL DATA



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|------------------------------|--|
| MEASUREMENT PRINCIPLE | MicroPoas® , zirconia probe with internal metal reference |
| STANDARD MEASUREMENT RANGE | 50 ppm to 25% Vol. O2 |
| MAXIMUM GAS TEMPERATURE | -20°C to 200°C |
| RESPONSE TIME T90 | <180s (at 1l/min) |
| PRESSURE | 1 to 6 bar abs |
| MOUNTING | Bride DN15 PN6 flange: Øext=80 mm - 4 holes of 10 mm on Ø55 mm |
| DIMENSIONS AND WEIGHT | Dimensions: 282 (h) x 80 mm (Ø) Weight: 1,5 kg |
| CONDITIONS OF STORAGE | Humidity: 5 to 90% without condensation Temperature: -10 to +70°C |
| PROTECTION RATING | IP20 (with wires connected) |
| POWER SUPPLY AND CONSUMPTION | 24VDC (160VA) - 100Wh |



OPTIONS

- **Additional meter of cable**

Please contact us

- Calibration Fitting

- **Oxybox'Air**

