

ATMOSPHERIC OXYGEN SENSORS FOR GMH 569X AND GMH 369X



CLOSED SENSOR DESIGN GGO



CLOSED

GGO 581*Item No. 610029*

Atmospheric oxygen sensor, closed design, incl. GOEL 381, protective gases in general, precise also with $O_2 \leq 0.2 \text{ vol. } \% O_2$ and $> 35 \text{ vol. } \% O_2$, suitable for GMH 569x

GGO 570*Item No. 607480*

Atmospheric oxygen sensor, closed version, incl. GOEL 370, for protective gases with high CO_2 concentration and $O_2 < 35 \text{ vol. } \% O_2$, long life, suitable for GMH 569x

GGO 381*Item No. 610030*

Atmospheric oxygen sensor, closed version, incl. GOEL 381, protective gases in general, precise also with $O_2 \leq 0.2 \text{ vol. } \% O_2$ and $> 35 \text{ vol. } \% O_2$, suitable for GMH 369x

GGO 370*Item No. 601224*

Atmospheric oxygen sensor, closed version, incl. GOEL 370, for protective gases with high CO_2 concentration and $O_2 < 35 \text{ vol. } \% O_2$, long life, suitable for GMH 369x

GENERAL:

- Suitable for positive and negative pressure
- Use in gas-tight systems

APPLICATION:

Suitable for measurements in the atmosphere as well as in systems without or low overpressure or underpressure. This type of sensor has a screw thread and can be installed gas-tight in almost all systems either directly or using a tube adapter.

longer cable lengths of 4 m and 10 m on request



OPEN SENSOR DESIGN GOO



OPEN

GOO 581*Item No. 610033*

Atmospheric oxygen sensor, open version, incl. GOEL 381, protective gases in general, precise also with $O_2 \leq 0.2 \text{ vol. } \% O_2$ and $> 35 \text{ vol. } \% O_2$, suitable for GMH 569x

GOO 570*Item No. 607482*

Atmospheric oxygen sensor, open version, incl. GOEL 370, for protective gases with high CO_2 concentration and $O_2 < 35 \text{ vol. } \% O_2$, long life, suitable for GMH 569x

GOO 381*Item No. 610034*

Atmospheric oxygen sensor, open version, incl. GOEL 381, protective gases in general, precise also with $O_2 \leq 0.2 \text{ vol. } \% O_2$ and $> 35 \text{ vol. } \% O_2$, suitable for GMH 369x

GOO 370*Item No. 601228*

Atmospheric oxygen sensor, open version, incl. GOEL 370, for protective gases with high CO_2 concentration and $O_2 < 35 \text{ vol. } \% O_2$, long life, suitable for GMH 369x

GENERAL:

- Suitable for air or gas flow
- Fast temperature compensation

APPLICATION:

Due to the special sensor construction, the sample gas "flows around" the sensor and can escape into the open through the holes in the housing. If there is a slight flow onto the sensor, no pressure can build up that would falsify the measurement result. Particularly suitable for measuring gases from pressurized cylinders, etc. and can also be used for room gas measurements without further ado.

longer cable lengths of 4 m and 10 m on request

CLOSED VERSION WITH PRESSURE CONNECTION GGA



FOR DEVICES WITH PRESSURE CONNECTION

GGA 581*Item No. 610031*

Atmospheric oxygen sensor with pressure connection, incl. GOEL 381, protective gases in general, precise also with $O_2 \leq 0.2 \text{ vol. } \% O_2$ and $> 35 \text{ vol. } \% O_2$, suitable for GMH 569x

GGA 570*Item No. 607486*

Atmospheric oxygen sensor with pressure connection, incl. GOEL 370, for protective gases with high CO_2 concentration and $O_2 < 35 \text{ vol. } \% O_2$, long life, suitable for GMH 569x

GGA 381*Item No. 610032*

Atmospheric oxygen sensor with pressure connection, incl. GOEL 381, protective gases in general, precise also with $O_2 \leq 0.2 \text{ vol. } \% O_2$ and $> 35 \text{ vol. } \% O_2$, suitable for GMH 369x

GGA 370*Item No. 607484*

Atmospheric oxygen sensor with pressure connection, incl. GOEL 370, for protective gases with high CO_2 concentration and $O_2 < 35 \text{ vol. } \% O_2$, long life, suitable for GMH 369x

GENERAL:

This housing is ideal for devices with an external pressure connection (GMH 5695/3695). Especially in systems with overpressure or underpressure or with existing back pressure due to flow.

APPLICATION:

It can be mounted airtight (attention: observe the permissible operating pressure!). The device pressure connection is connected to the sensor pressure connection. The device measures and compensates for the actual pressure at the sensor.

Longer cable lengths of 4 m and 10 m on request

Note: not suitable for use in "underwater applications" (rebreather, etc.)

FOR PRECISE GAS MEASUREMENT IN PROTECTIVE GAS APPLICATIONS

**GOG 370***Item No. 482805*

Atmospheric oxygen sensor with gas suction connection, incl. GOEL 370, protective gases with high CO_2 concentration and $O_2 < 35 \text{ vol. } \% O_2$, long life, gas connection: $\varnothing 4 \text{ mm}$ conical for attaching needles, suitable for GMH 369x

GOG 381*Art.No.477532*

Atmospheric oxygen sensor with gas suction connection, incl. GOEL 381, protective gases in general, precise also with $O_2 \leq 0.2 \text{ vol. } \% O_2$ and $> 35 \text{ vol. } \% O_2$, gas connection: $\varnothing 4 \text{ mm}$ conical for attaching needles, suitable for GMH 369x

GOG 570*Art.No.475267*

Atmospheric oxygen sensor with gas suction connection, incl. GOEL 370, protective gases with high CO_2 concentration and $O_2 < 35 \text{ vol. } \% O_2$, long life, gas connection: $\varnothing 4 \text{ mm}$ conical for attaching needles, suitable for GMH 569x

GOG 581*Art.No.482806*

Atmospheric oxygen sensor with gas suction connection, incl. GOEL 381, protective gases in general, precise also with $O_2 \leq 0.2 \text{ vol. } \% O_2$ and $> 35 \text{ vol. } \% O_2$, Gas connection: $\varnothing 4 \text{ mm}$ conical for attaching needles, suitable for GMH 569x

GENERAL:

- Gas can be sucked in via the pressure connection, which is optimally routed to the sensor, therefore minimal gas consumption and very quickly.
- Commercially available medical needles (Luer lock) can be attached at the entrance.

APPLICATION:

- For precise gas measurement in protective gas applications.
- For example, use the GS 150 gas pump for priming.