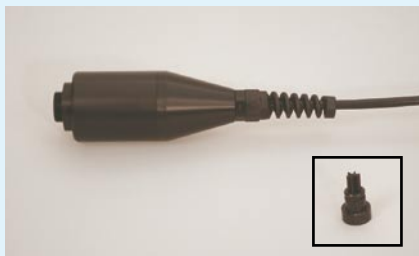


Atmospheric oxygen sensors for devices of the GMH369x series

closed sensor type



- suitable for under and over pressure
- for using in gas-tight systems

Application:

Suitable for measuring in normal atmosphere and in systems without or with slight under or over pressure. The sensor type features a screw thread and can be built in gas-tight in almost every system directly resp. with tube-adaptor

GGO 370 NEW
universal applications, diving

GGO 369 S
O₂ sensor for high CO₂ concentration

Specification:

Application:

Specific features:

Measuring range:

Partial oxygen pressure:

Oxygen concentration:

Temperature:

Response time: T₉₀

Operating conditions:

Ambient pressure:

Over-/under-pressure:

Storage temperature:

Operation life:

Sensor:

Connection:

Dimensions of housing:

Weight:

Scope of supply:

GGO/GOO 370

universal applications, diving

Stronger membrane

Coated electronics

temperature compensation

0 ... 1100 hPa O₂

0,0 ... 100,0 % O₂

0,0 ... 45,0 °C

<10 sec.

0 - 45 °C

0 - 95 %RH

0,5 to 2,0 bar abs.

max. 0,25 bar

(pressure difference sensor membrane to ambient – sensor screwed-in)

-15 to +60 °C

approx. two years (warranty for sensor element: 12 months)

GOEL 370

GGO/GOO 369 S

CO₂ containing gases

Acidic electrolyte

0 ... 300 hPa O₂

0,0 ... 25,0 % O₂

0,0 ... 50,0 °C

<15 sec.

0 - 50 °C

0 - 95 %RH

0,5 to 2,0 bar abs.

GOEL 369 S

Oxygen-partial pressure probe, mounted in external sensor housing

approx. 1,3 m cable with Mini-DIN-plug.

GGO369...: approx. Ø 36 mm x 95 mm (150 mm incl. anti-buckli. glanding),

GOO369...: approx. Ø 40 mm x 105 mm (160 mm incl. anti-buckl. glanding)

Housing with M16 x 1-screw thread (sensor can be connected to line

tubes by means of an additional adapter)

approx. 135 g (GGO...) or approx. 145 g (GOO...)

sensor, tube-adaptor,

flow diverter, T-piece

sensor, tube-adaptor,

flow diverter

Options: (for all types)

cable length 4m

cable length 10m

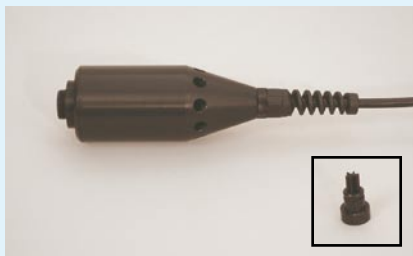
Spare elements, accessories:

GOEL 370 spare sensor element for replacement by user

GOEL 369 S spare sensor element for replacement by user

ESA 369 spare tube-adaptor M16x1, for tubes with a inner-diameter of 15mm

open sensor type



- suitable for air- or gas-stream
- quick temperature compensation

Application:

Because of the special sensor construction the measuring gas streams optimally around the sensor and escapes through holes in the housing into the air. No pressure build-up at slight streaming of the probe, that falsify the result of measurement. Particularly suitable for measuring of gas out of gas-bottle etc. Even measuring indoor-gas concentration is possible.

GOO 370 NEW
universal applications, diving

GOO 369 S
O₂ sensor for high CO₂ concentration

Compact air oxygen meas. device



GOX 100

for universal applications

- 1-Button Calibration
- Automatic Power-Off
- Min-/max- value memory
- Incl. sensor GOEL 370

GOX 100T NEW
for diving applications

- 1-Button Calibration
- MOD-Display (Maximum Operating Depth)
- HOLD function
- Incl. sensor GOEL 370

Specification:

Meas. range: 0,0 ... 100,0 % O₂

Accuracy typ.: ± 0,1 % O₂ ± 1 digit

calibrated device (range from 15 to 40 % O₂)

MOD (GOX 100T): 0 ... 100 m / 0 ... 199 ft

Sensor Connection: jack-connector cable

Sensor: Oxygen-partial pressure probe, mounted in external sensor housing

Warranty: 12 months

Working pressure: 0,5 to 2,0 bar absolute

Over-/under-pressure: max. 0,25 bar

Working temperature: 0 to 45°C (sensor)

-20 to 50°C (device)

Relative humidity: 0 to +95%RH

Power supply: 9V battery type IEC 6F22

Power consumption: approx. 120µA (over 2500 h)

Display: 3½-digit, 13mm high LCD-display

Housing: ABS-enclosure, front side IP65

Dimensions: approx. 106 x 67 x 30 mm

Weight: approx. 185g

Features: **BAT, Auto-Power-Off**

Scope of supply:

Device incl. sensor, T-piece, flow diverter

Options:

- **LACK** encapsulated PC board
(for applications where condensation is possible)

Spare peaces, accessories:

GOEL 370 spare sensor

ESA 369 spare tube-adaptor

ZOT 369 spare T-piece

GKK 252 case (235 x 185 x 48 mm)
with foam lining

for add. accessories p.r.t. page 42/43