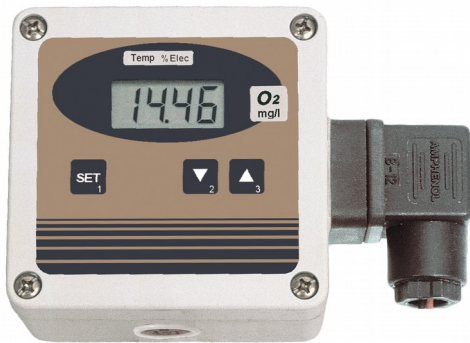


**Transmitter incl.  
Electrode for Dissolved  
Oxygen in Liquids  
OXY 3610 MP**

Sensor connection : 5-pole screw-able diode socket  
Calibration : 1-point-calibration at atmospheric air  
Housing : ABS

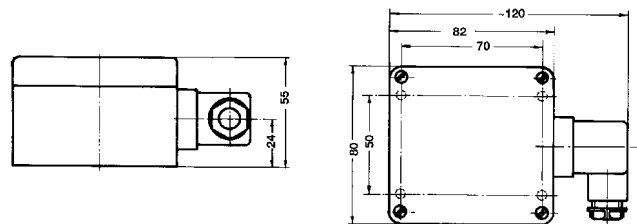
**O<sub>2</sub>-electrode (GWO 3600 MU)**

Electrode : active diaphragm type with integrated NTC resistance  
Response time : 95 % in 10 s, depending on temperature  
Working pressure : max. 3 bar  
Inflow velocity : min. 30 cm/s  
Connection cable : 4 m with 5-pole screw-able diode plug



- O<sub>2</sub>-electrode exchangeable
- Electrode: active diaphragm type with integrated NTC resistance
- Input electrically isolated

**Dimensions**



Oxygen probe : diameter Ø: 12.0 ±0.2 mm  
installation length: 110 mm  
overall length: 220 mm incl. bend protection

**Characteristics**

The OXY 3610 MP measures the oxygen concentration in liquids. The device can be used in aquaristics, fish farming as well as for the measurement of spring water and well water.

**Technical data**

Measuring range  
Oxygen concentration : 0.00..25.00 mg/l (solved)  
Temperature : 0.0..50.0 °C  
Accuracy (transmitter)  
Oxygen : ±1.5 % of meas. value ±0.2 mg/l  
Temperature : ±0.1 °C ±1 digit  
Output signal (only O<sub>2</sub>) : 4..20 mA (2-wire)  
0..10 V (3-wire)  
Electrical isolation : input electrically isolated  
Working temperature : 0..50 °C  
Power supply : 12..30 V DC at 4..20 mA  
18..30 V DC at 0..10 V  
Permissible impedance :  $R_A [\Omega] = (U_V [V] - 12 V) / 0.02 \text{ mA}$   
Permissible load :  $R_L > 3000 \Omega$   
Reverse voltage protect.: 50 V permanent  
Display : 10 mm high, 4-digit LCD-display  
Electric connection : elbow-type plug (EN 175301-803/A),  
max. wire cross-section: 1,5 mm<sup>2</sup>,  
wire diameter from 4.5..7.0 mm

**Ordering code**

OXY3610MP -  1. -  2.

<b>1. Output signal</b>	
A1	4..20 mA (2-wire)
V2	0..10 V (3-wire)
<b>2. Cable length</b>	
L04	4 m cable
L10	10 m cable
L30	30 m cable

Ordering example:  
OXY3610MP-A1-L04

**Accessories / Spare parts**

**GWO 3600 MU**

Spare electrode with 4 m cable

**GSKA 3600**

Protection cab for measuring in great depths

**GWOK 01**

Spare diaphragm head

... professional Instruments "MADE IN GERMANY"