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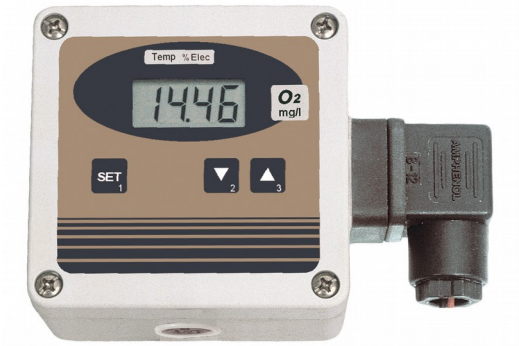
Transmitter incl. Electrode for Dissolved Oxygen in Liquids OXY 3610 MP



- **O_2-electrode exchangeable**
- **Electrode: active diaphragm type with integrated NTC resistance**
- **Input electrically isolated**

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.

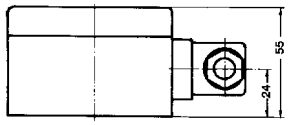
Technical data

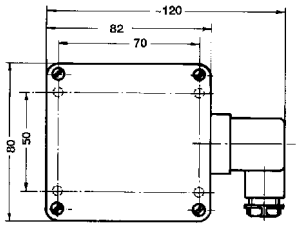
Measuring range		
Oxygen concentration	:	0.00..25.00 mg/l (solved)
Temperature	:	0.0..50.0 °C
Accuracy (transmitter)		
Oxygen	:	±1.5 % of meas. value ±0.2 mg/l
Temperature	:	±0.1 °C ±1 digit
Output signal (only O_2)	:	4..20 mA (2-wire) 0..10 V (3-wire)
Electrical isolation	:	input electrically isolated
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 [Ω] = (U_V [V] - 12 V) / 0.02 mA
Permissible load	:	R_L > 3000 Ω
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 mm², wire diameter from 4.5..7.0 mm
Sensor connection	:	5-pole screw-able diode socket
Calibration	:	1-point-calibration at atmospheric air
Housing	:	ABS

O_2-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

Dimensions





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

Ordering code

OXY3610MP - 1. - 2.

1.	**Output signal**	
	A1	4..20 mA (2-wire)
	V2	0..10 V (3-wire)
2.	**Cable length**	
	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