PSE- Priggen Special Electronic, Online Shop, MessgerÃ¤te, Measuring Instruments

PSE- Priggen Special Electronic

GMH 3630,Oxygen Meter for Liquids

â‚¬ 624,75 (including 19 % tax)

GMH 3630, Meter for Dissolved Oxygen in Liquids

- Double display for oxygen and temperature
- Meas. units: O2-concentration, O2-saturation and O2-partial pressure (GMH3630 only)
- Automatic air pressure compensation by means of integrated pressure sensor
- Salinity correction
- Extremely small measuring probe (dimensions as for pH-probe)
- Min./Max. value memory, Hold function,
- Serial interface, device can be connected to bus system (up to 5 devices can be connected to one PC interface)
- Battery and DC operation
- Simple calibration in atmospheric air

Additional features of GMH3630 in comparison with GMH3610:

- Measuring of air pressure by means of integrated pressure sensor
- Extended measuring range for O2
- O2-partial pressure measurement
- Correction of salinity

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Technical data:
Measuring ranges:
O2-concentration: 0.0 ... 70.0 mg/l or
0.00 ... 25.00 mg/l
O2-saturation: 0 ... 600 % or 0.0 ... 250.0 %
O2-partial pres.: 0 ... 1200 hPa or
0.0 ... 570.0 hPa
(0.0 ... 427.5 mmHg or
0 ... 900 mmHg)
Temperature: 0.0 ... 50.0 Â°C
Pressure: 500 ... 1100 hPa abs.
Accuracy: (at nominal temperature = 25Â°C)
Oxygen: Â±1.5% of m.v. Â±0.2 mg/l (0...25mg/l) or
Â±2.5% of m.v. Â±0.3 mg/l (25...70mg/l)
Temperature: Â±0.1Â°C Â±1digit
Pressure: Â±0.5% FS Â±1digit
Sensor connection: 6-pin screened Mini-DIN-socket.
Electrode: active membrane type. Electrode-Ã˜ front: approx. 12mm,
overall length: approx. 220 mm, anti buckling glanding, neck collar:
Ã˜ approx. 20 mm, 4m connection cable with Mini-DIN-plug.
Response time: 95% in 10sec., depending on temperature.
Operation life: approx. 3 years or more, depending on maintenance
Working temperature: 0 to +40Â°C
Working pressure: max. 3 bar
Flow rate: min. 30 cm/sec.
Display: 2 four digit LCDs (12.4mm and 7mm high) for oxygen, temperature or pressure, as well as additional functional arrows.
Pushbuttons: 6 membrane keys
Working temperature: 0 to +50Â°C
Relative humidity: 0 to +95%RH (non-condensing)
Storage temperature: -20 to +70Â°C (Electrode: 0 to 60Â°C)
Interface: serial interface, direct connection to RS232 or USB interface
of a PC via electrically isolated interface converter GRS3100
or GRS3105 resp. USB3100 (p.r.t. accessories).
Min-/Max-value memory: max. and min.values will be memorized.
Hold function: by pressing a button the current meas. value will
be memorized.
Power supply: 9V-battery, type IEC 6F22 (included) as well as
additional d.c. connector for external 10.5-12V direct voltage supply.
(suitable power pack: GNG10/3000)
Power consumption: approx. 3 mA
Auto-Off-Function: 1...120min (can also be deactivated).
Low battery warning: Î" and ' bAt '
Vendor Information