

CONDUCTIVITY MEASURING DEVICES

GS.GLF100RW

APPLICATIONS:

- Checking of pure and ultra-pure water
- Checking of boiler water
- Functional check of ion exchangers



SPECIFICATIONS:	GLF 100	GLF 100 RW
Measuring ranges:		
Conductivity:	0 ... 2000 µS/cm 0.00 ... 20.00 mS/cm 0.0 ... 100.0 mS/cm	0.000 ... 2.000 µS/cm 0.00 ... 20.00 µS/cm 0.0 ... 100.0 µS/cm
Temperature:	-5.0 ... +100.0 °C	-5.0 ... +100.0 °C
TDS:	0 ... 2000 mg/l	--
Salinity:	0.0 ... 50.0	--
Resistivity:	-- -- --	0.0100 ... 0.2000 MΩ*cm 0.010 ... 2.000 MΩ*cm 0.01 ... 20.00 MΩ*cm
Accuracy: (±1 digit, at nominal temperature = 25 °C)		
Conductivity:	±0.5 % of m.v. ±0.5 % FS	typ. ±1 % of m.v. ±0.5 % FS
Temperature:	±0.3 °C	±0.3 °C
Temperature-compensation:	off: deactivated nLF: non-linear, acc. to EN 27888 -- --	off: deactivated nLF: non-linear, acc. to EN 27888 LIN: linear, with adjustable coefficients NaCl: compensation for weak NaCl-solutions acc. to EN 60746-3
Reference temperatures:	20 and 25 °C	20 and 25 °C
Measuring cell:	2-pole measuring cell, Ø 12 mm (graphite) Cable length: 1.2 m, with integrated temperature sensor	2-pole measuring cell, Ø 12 mm (stainless steel: 1.4404, 1.4435) Cable length: 1.2 m with integrated temperature sensor
warranty for sensor element:	12 months	
Display:	approx. 11 mm high, 4½-digit LCD-display	
Working conditions:		
Device:	-25 ... +50 °C, 0 ... 95 % RH (non condensing)	
Measuring cell:	-5 ... +80 °C (for short-time: 100 °C)	
Power supply:	9 V battery	
Power consumption:	< 1.5 mA	
Housing:	impact resistant ABS, membrane keyboard, transparent panel, front side IP65	
Dimensions (device):	110 x 67 x 30 mm (H x W x D)	
Weight:	approx. 155 g	
Scope of supply:	Device incl. measuring cell, battery, calibration protocol (only GLF 100), manual	

Le caratteristiche dichiarate possono cambiare senza alcun preavviso



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THE MEASURING CELL

The measuring head is designed without compromise. The holes ensure the well exchange of the measuring fluid, nonetheless the sensor is protected against mechanical loads.

The integrated temperature sensor has very quick response time. Compared to simpler electrode designs the measurements are much more accurate and faster.

GLF 100:

Graphite used as material for the electrodes makes the applicability up to 100 mS/cm possible - a must have in seawater analytic



GLF 100 RW:

Universal applicability at highest standards is made possible by the use of stainless steel electrodes (1.4404, 1.4435).



ACCESSORIES AND SPARE PARTS

GKL 100

Product-ID: 601396

Conductivity control solution

(100 ml bottles with 1413 μ S/cm acc. to DIN EN 27888)

GKL 101

Product-ID: 601398

Conductivity control solution (250 ml bottles with 84 μ S/cm)

GKL 102

Product-ID: 601400

Conductivity control solution (100 ml bottles with 50 mS/cm)

GEH 1

Product-ID: 601089

Swivel-arm electrode-retainer
(for up to 4 electrodes / probes)

GWZ-01

Product-ID: 603499

Flow-through chamber (for measuring cell
with \varnothing 12 mm, hose connection \varnothing 6 mm)





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