



Transducer for conductivity MW22-1000

For conductive measurement in liquids up to **1000mS**

Programmable with **2 x current output: 0(4)...20mA** for conductance and for temperature

0022.8210 MW22-1000



Dimensions: 82x85x50mm LxWxH

Terminal assignment:

- Terminal 1 = GND
- Terminal 2 = 24VDC
- Terminal 3 = GND
- Terminal 4 = I1 out (0 / 4 ...20mA)
- Terminal 5 = I2 out (0 / 4 ...20mA)
- Socket = USB mini
- Terminal 6 = NTC 2K
- Terminal 7 = Electrode 2
- Terminal 7S = Electrode 2 Sense
- Terminal 8 = Electrode 1
- Terminal 9 = NTC 2K

The module is suitable for both DIN rail and wall mounting.

Measuring range: /cm

- 1000 mS
- 500 mS
- 200 mS
- 100 mS
- 50 mS
- 20 mS
- 10 mS

These values apply to measuring cells with the cell constant of ZK1.

Recommended measuring cells

0022.6150 LMN1-3L PP

0022.6250 LMN1-3L PVDF

0022.1123.3L LMN1-3L PP R

0022.1223.3L LMN1-3L PVDF R



for immersion fittings TA32

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To configure the transducer, please install the LMA / MW22 software.

Download:

<https://www.imo-ag.biz/gx2/en/pH-redox-conductivity-meters/MW22/>

For the connection to your PC / laptop you need a USB A -Mini B cable.

Please note, to configure the MW22, the supply voltage of 24VDC must be applied.

Technical data: (subject to change)

Temperature compensation	Tc nat , Tc lin 0...6,0
Reference temperature	25°C
Measurement accuracy, after fine adjustment	±2% , ±1%
Operating voltage	12 / 24 VDC ± 10% see nameplate
Current consumption	< 50 mA
Galvanic isolation	Measurement input is galvanically isolated.
Cable connection	0,14...0,5 qmm max. length to LF measuring cell 10m +
Ambient temperature	-20...50°C
Degree of protection	IP 20
Weight	62 gram