

Configuration MW22 / MW22 - 1000mS



Connect USB cable, install and start LMA / MW22 configuration software.

Konfigurationssoftware 0.0.0.1

Hardware selection: MW22-1000mS

Start

Version: 0.0.0.1

Language selection: en - English

Check if you are connected.

Select device and press Start.

Measured value

Temperature

Configuration

File 4

Settings 1S Temperature Analog output Analog output 2

4 Configuration files can be saved or loaded here.

Measuring range selection: 5 1000mS

5 Select the desired measuring range.

Temperature compensation: Tc-nat (selected), Tc-lin 0,0 %

For MW22, you must also enter the cell constant of the measuring cell that is to be used.

CC adjustment: Feintuning

Reference temperature: 6 25°

6 Establish connection to MW22 transducer with Write or Read.

7 Print the configuration data.

Temperature 25 °C

E.c. uncompensated: 997.762,304 µS

Ohm Uncompensated: 1,002 Ohm

all conductivity values /cm

E.c. compensated: 997.762,304 µS

Measured value Temperature

6 7

Write Read Print USB Log

USB Disc Configname

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Configuration

File

Settings 1S Temperature Analog output Analog output 2

Temperature sensor

Pt1000

NTC

Cable compensation

Feintuning

For an accurate temperature measurement, enter the cable resistance. Then press **Write**.

Standard of the temperature sensor in the LF measuring cell is a NTC

Calculate cable resistance:
<https://www.redcrab-software.com/de/Rechner/Elektro/Leitungswiderstand>

Temperature 25 °C

all conductivity values /cm

E.c. uncompensated: 998.352,320 µS

Ohm Uncompensated: 1,001 Ohm

E.c. compensated: 998.352,320 µS

Measured value Temperature

Analog1

Write Read Print USB Log

USB Disc Configname

With the button **READ** the data of the MW22 are read out.

The measuring range of 0...100°C is fixed and cannot be changed.

Configuration settings that are made must be transferred to the MW22 with the **WRITE** button.

Under file **4** configuration settings can be saved or read.

With the button **PRINT** the configuration can be printed.