

PASI

User Manual



Water Level Meter Mod.WMS-02

P.A.S.I srl – via Galliari 5/E – 10125 TORINO – Italy
Tel. +39 011 650.70.33 – Fax +39 011 658.646 - E-mail sales@pasisrl.it
www.pasisrl.it

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Torino, Italy 2022

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Informazioni sulla garanzia e note di sicurezza

Read the instructions carefully before using the product:

This device has been designed and built to measure the level and temperature of liquid inside water well and piezometer. A careful reading of this manual is recommended before proceeding with use.

- Warranty will be void if the product is used in any ways that is in contradiction with the instructions given in this manual.
- Warranty will be void if the instrument has been tampered with.
- The device must only be used only according to the instructions described in this manual. Faultless and safe operation of the device can be guaranteed only if the transport, storage, handling and operation of the device is appropriate.
- To avoid damage, use only original accessories or approved by PASI srl.
- The box is waterproof only if closed. When a suitable location has been selected for the device, it must be ensured that no water can get into the device under any conditions. Direct sunlight is also to be avoided for long periods. It is not recommended that the instrument is installed on a strongly vibrating surface.

1. Introduction:

The water level meter PASI mod. WMS-02 is made with a friendly user design. It's easy to use. We suggest you to read the present manual in order to use the device in the right mode.

2. Equipment:

The package is composed by an aluminum reel with the cable of the length you ordered.

3. How to use:

All the function of the WMS-02 are controlled by the (ON/OFF) button.

By pressing for one second the ON/OFF button you will turn on the device.

After you turned on the WMS-02, it's possible to access the following functions.

1. With a single click you can turn the backlight of the display that will last for 5 seconds.
2. With a click of one second, you are able to change the unit of measure you prefer to check the temperature on the WMS-02. It's possible to switch through (°F / K /°C) as you could see in the sequent figures: Fig.3, Fig.4 and Fig.5 .
3. By pressing the button for 4 or more seconds the device will switch off.

In Fig.1 is showed the comparison table of the three unit of measure of the temperature.

Kelvin	Celsius	Fahrenheit
373	100	212
363	90	194
353	80	176
343	70	158
333	60	140
323	50	122
313	40	104
303	30	86
293	20	68
283	10	50
273	0	32
263	-10	14
253	-20	-4
243	-30	-22
233	-40	-40
223	-50	-58
213	-60	-76
203	-70	-94
193	-80	-112
183	-90	-130
173	-100	-148

FIG.1

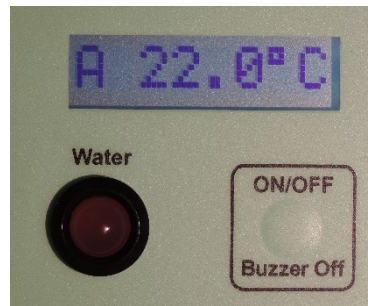


FIG.2



FIG.3

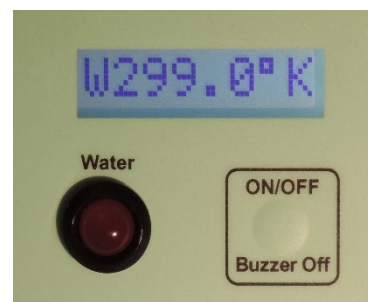


FIG.4



FIG.5

On reaching the water level, the buzzer begins to sound intermittently. In Addition, the status led (labelled with the word “Water”) blinks intermittently.

A further indication is given by the first letter on display which is ‘A’ if the probe is in the air (fig.2) and ‘W’ if it hits the water(fig.3), this indicate that the measured temperature is actually that of the liquid medium.

4.Maintenance:

In order to keep your instrument in good condition, always remember to clean carefully both sensor and cable (you can use normal soap) and dry with a soft cloth after use.

5. Power Supply:

The instrument works with a 9V battery MN1604.

The charge level of the instrument is indicated on the display every time the instrument is turned on as shown in Fig. 6.



FIG.6

Open the battery drawer using a coin or a screwdriver and substitute the battery with a 9V MN1604 6LR61 or similar one. If polarity is wrong, the instrument does not work.

6. Technical specification

- Probe Diameter: 10 mm
- Probe length: 15 mm
- Storage temperature: -20°C +70°C
- Working temperature: -20°C +60 %
- Temperature sensor: PT1000
- Measurement accuracy: +/- 0.5% f.s.
- Resolution: 0.1°C
- Measuring range: -10°C +60°C



The symbol shown here can be found on your instrument and means that the product is classed as electrical or electronic equipment and should be disposed of at the end of its life separately to your commercial or household waste. The Waste of Electrical and Electronic Equipment Directive (2002/96/EC) has been established to help reduce the influx on landfill sites and effectively treat hazardous substances by using best practices for the recovery and recycling of products. There are various collection systems in place within the EU for the disposal of your product. To find the nearest waste recycling point in your area, enter your postcode in the appropriate website www.recycle-more.co.uk (I.E.) For more information please contact your local authority or the dealer where you purchased your product.