

PLS 15 / 20 Data Sheet



Water Level Meter

The ELWA Water Level Meter is a compact, portable, reliable and sturdy piece of high-tech measuring equipment.

Very easy to use and mainly used for measuring water levels in tubes, wells, boreholes, tanks etc.

More than 45 years of experience with manufacturing and using water level meters has proved, that using both light- and sound indication, obtains more accurate results during water level measurements.

All ELWA Water Level Meters are equipped with both light- and sound indication as standard.

ELWATEK continues to innovate and consistently improving our equipment. The electronic circuit, cable and reel are all thoroughly tested for best performance. When buying our products, you always get state-of-the-art technology.



PLS Series standard features:

- ✓ Non-stick PE-coated ruler cable
- ✓ Printed metric markings
- ✓ Light- and sound indication
- ✓ Built-in electronic ON/OFF switch
- ✓ Low power consumption
- ✓ Waterproof electronic circuit
- ✓ ABS Shockproof reel
- ✓ Ø 12 mm stainless steel probe
With detachable weight for easy cleaning

ACCESSORIES:



Adapter for bailer

Acrylic Bailer

Model	Max depth	Height	Width	Depth	Weight	Probe size	Shipping volume
PLS 15	15 m	190 mm	190 mm	75 mm	0,70 kilo	Ø12x130mm	3 liter
PLS 20	20 m	190 mm	190 mm	75 mm	0,82 kilo	Ø12x130mm	3 liter

Measuring tape:

Clear PE-coating, twin wire-conductor with embedded steel ruler tape. Metric scale printed numbers (meter, centimeter and millimeter). Tape width: 10 mm.

Accuracy: +/- 2,0mm

Probe (standard):

Stainless steel AISI 303.
Ø 12 mm x 130 mm, weight 60 g.

Probe (alternative):

Stainless steel AISI 303.
Ø 10 mm x 130 mm, weight 50 g
Ø 20 mm x 130 mm, weight 180 g

Electronic circuit:

Integrated and waterproof, built-in electronic switch, low energy consumption.

Indication:

Sound: Frequency 3000 Hz, 80 dB
Light: Ø 8 mm ultra-bright LED

Battery:

9 Volt, alkaline, type 6LR61

Cable reel:

Shockproof plastic (ABS).

Options:

Adjustable sensitivity, Sound On/Off switch, alternative probe.

How to operate:

Find a suitable reference point (well edge etc.) Grab the handle on the back side, turn the front panel using the knob and slowly lower the probe. When the probe is submerged the electrode touches the water surface. Light and sound indication is now activated instantly. Raise the probe slowly until light/sound stops. Accurate depth is now easily being read directly from the yellow ruler tape.

All ELWA Water Level Meters are quality products. Manufactured in Denmark EU, distributed and used worldwide.