



DIGIPLP

digital water level meter

The Digiplot measures the water level in a pipe. Simply place the sensor on top of the pipe and press the 'measure' button. The display instantly shows the measured distance.

The Digiplot is suited for pipes with a diameter up to 70 mm. The measuring range is 30 metres.

The Digiplot uses an acoustic pulse to measure the distance from the top of the pipe to the water level. It sends down a pulse and waits for the reflection from the water in the pipe.

The travelling speed of sound in air depends on the temperature. The Digiplot corrects for this. It uses a table with the temperature profile inside the pipe. A small error remains due to the fact that the table contains theoretical long term values which may be slightly different than the actual temperature. However, this causes only minor errors.

The Digiplot can be used to measure at locations that are difficult to reach. Just add extensions of off the shelf pipes to create a shape that will do the job. You can add anything you like, as long as the interior of the extension is smooth. The sensor is delivered with a ring that can be mounted for larger diameter pipes.



The Digiplot has rechargeable batteries that will last for several weeks of intensive use. The Digiplot has a 'low battery' indicator.



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Water level gauge



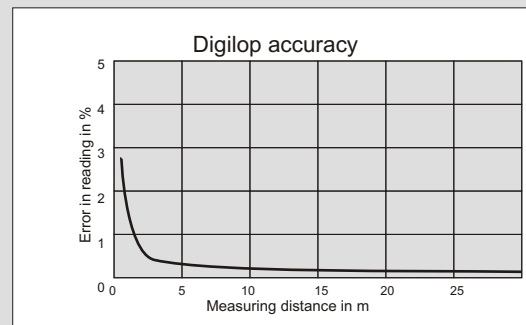
Features:

- measures water level in a pipe
- accurate, easy and fast
- compensates for the temperature profile in the pipe
- has rechargeable batteries

Specifications:

- resolution of the measurement: 1 mm
- resolution on the display: 1 cm
- pipe diameter and ranges:
 - up to 70 mm 0.15...30 m.

- accuracy:



Ordering information:

Digiplot

- Digiplot handheld measuring device
- Sensor
- Adapter rings for 2" and 5" pipes
- World mains adapter (for world-wide use)
- Manual
- Case

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