

Dipmeter standard and Dipmeter with temperature display

Type WL, WLT



Dipmeters are used for simple recording of a water level referred to a surface reference point. The measuring cable is graduated in black for centimeters and in red for meters. As soon as the dipmeter is submerged in water, the red signal diode is flashing and the buzzer in the cable reel is signaling the water contact. By light lifting of probe, the signals are going out so that the switch actuation point which is equal to the water level can precisely be determined. Due to the very low power requirement by the automatic start and stop function of the instrument, the operating time will be one year or more according to the application frequency. Besides the standard version, also a model with integrated temperature indication is available. The temperature indication is done automatically after approx. 10 seconds of water contact. For measurements outside of water, e.g. for air temperature measurement, the unit can be started by a push-button.

TECHNICAL DATA

Accessories for measuring point

- Meas. tubes PVC with screw bushing
NG 4 (Ø 40x30 mm)
NG 5 (Ø 50x3,5 mm)
NG 6.3 (Ø 63x7 mm)
- Screw/adhes. bushing f. shortening
- Meas. tube w. telescopic bushing
each 2.5 m
- Closing cap of PVC for base
- Screw-/end cap of PVC for head point
- Head tube 2", closing cap with
key 2 m long
- Ceramic filter in cylindrical
form Ø 50x120 mm, Ø 50x250 mm
- PVC tube with plastic filter
Ø 25x250 mm
- Injection tube with plastic filter
Ø 25x250 mm
- Protection tubes heavy-type 6" ,
length 1.5 m with closing cap
- Street cap with subsurface head
point DIN 4055

Dimensions:	320x130x270 mm
Weight WL 50 m cable:	2.6 kg
Cable reel:	Steel frame with plastic reel
Measurement cable:	Plastic flat cable with two cable strands and three Kevlar cores
Cable lengths:	15, 30, 50, 100, 150, 200* m
Probe:	Brass, chromium-plated, with electrode, strain relief and buckling protection for measuring tape, Ø16 mm
Temperature display:	3 1/2 stellige LCD
Temperature indication:	- 5 °C up to + 70 °C
Resolution:	0.1 °C
Measuring accuracy:	± 0.3 °C

*specific measuring lengths on request

Accessories for Dipmeter

- Leading cap type MSD-F,
with guiding wheel and nonius



Fig.: Leading cap type MSD-F