



KLL-Light Electric Contact Meter

For Measurement of the Groundwater level

Description

- Measuring of water level and total depth for groundwater
- Optical and acoustical signal on contact with the water level
- Low power consumption
- Lightweight frame for easy handling



Product description and operation mode

The new SEBA-Electric Contact Meter type KLL-Light is a portable, reliable instrument for measuring water level and total depth in boreholes, wells, reservoirs etc. It especially stands out for its fast and reliable data logging. The cable drum of the KLL-Light is made of lightweight, shock resistant polycarbonate, which is perfectly suited for field use due to its solidity. The corrosion resistant probe is connected via an anticorrosive polyethylene cable with two steel cores to the battery-powered signal unit in the cable drum.

The KLL-Light Electric Contact Meter is equipped with an acoustic signal as well as an optical signal (signal-LED). On deploying the probe into the borehole, well, reservoir or other, the optical and acoustical signals will indicate when the probe touches the water-level, since the electric circuit is closed by the liquid medium. At the sound of the signal, the depth can be read off the graduation at the cable in meters and centimeters. Furthermore, a multicolor LED indicates the level of the 9 V monobloc battery.

Optionally we offer a hanging solution to fix the cable drum to the top of 2" sounding tubes, allowing for an easier handling in the field.



Technical Data



Cable:	polyethylene with 2 steel cores (anticorrosive), metric scale, figures printed all metres in red colour and decimetres with centimetres in black colour
Probe:	standard version: made of corrosion resisting material, 14 mm dia., 175 mm long with build-in electrode
Power supply:	9V monobloc battery
Accuracy:	< 1 cm with cable length 100 m
Supporting frame/ cable drum:	black polycarbonate
Properties:	strong, shock resistant but lightweight polycarbonate, UV-proof.
Optional Accessoires:	additional weight 450/800 g, Ø 45 mm
Total weight, depending on cable length:	15 m: 1.6 kg 30 m: 1.9 kg 50 m: 2.2 kg 80 m: 2.7 kg 100 m: 3.0 kg 150 m: 4.6 kg 200 m: 5.4 kg



The right is reserved to amend technical specifications without prior notice.



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