



Water Level Indicator and Thermometer

OG10/OG15/OG10M

Technical Features



The water level indicator is composed of an electric cable inextensible with cm/mm graduation, mounted on a reel cable holder of plastic material. Inside the roll is positioned a 9V battery and an electronic circuit with a buzzer and a led light. The sensor end of the cable, acts as a switch that triggers an alarm sounds and a light when the probe is under water.

Applications

The water level indicator or probes for level measurement instruments are used to monitor open pipe piezometers and Casagrande twin tube

In these instruments the ground water flowing through a filter and back into the tubes up to the portion of hydraulic balance equal to the piezometric level. The probes measure the depth of the level referred to the head pipe.

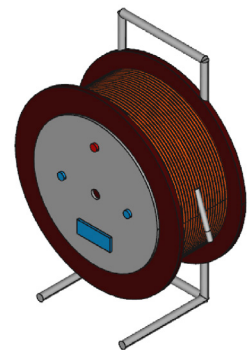
Uses

- The water level meter is extremely easy to use. The measure of the depth of the water is performed by putting the probe in piezometer until the buzzer and light turn on. The notches (centimeter/millimeter) are printed with a silkscreen protected which makes it impossible to delete and which provides greater robustness of the sensor and cable.

Related Instrumentation



- Casagrande Filter
- Piezometers
- Electrical Piezometers OG200R



Technical Specifications

			
Model	OG10	OG15	OG10M
Tip			
Diameter	10 or 12 mm	12 mm	14.5 mm
Length	85mm	85 mm	175 mm
Material	Nikel brass - PVC	Nikel brass - PVC	Nikel brass - PVC
Control cable			
Type	Cylindrical with Kevlar rope 4.5 mm	Cylindrical with Kevlar rope 4.5 mm	Flat cable 2.5mm x 8.7mm with 2 conductors
Available Cable Lengths	50, 100, 150, 200,300 m	50, 100, 150, 200,300 m	50, 100 m
Colour	Orange with black marks	Orange with black marks	Yellow with black marks
Marked cable	Numbered graduations every cm. Protected serigraphy	Numbered graduations every cm. Protected serigraphy.	Numbered graduations every mm. Protected serigraphy.
Reel			
Diameter	260 mm or greater	260 mm or greater	260 mm or greater
Battery	9 Vdc	9 Vdc	9 Vdc
Thermometer	NO	YES	NO
Range		-5 / +65 °C	
Accuracy		±1 °C	

Codes & Part Numbers

P/N 2011000
 P/N 2011001
 P/N 2011002
 P/N 2011003
 P/N 2011004
 P/N 2011005
 P/N 2011006
 P/N 2011010
 P/N 2011011
 P/N 2011012
 P/N 2011013
 P/N 2011014
 P/N 2011020
 P/N 2011021

WLI, 30 M CABLE (CM DIV.)
 WLI, 50 M CABLE (CM DIV.)
 WLI, 100 M CABLE (CM DIV.)
 WLI, 150 M CABLE (CM DIV.)
 WLI, 200 M CABLE (CM DIV.)
 WLI, 300 M CABLE (CM DIV.)
 REPAIRING KIT FOR WLI
 WLI + TEMPERATURE, 30 M CABLE (CM DIV.)
 WLI + TEMPERATURE, 50 M CABLE (CM DIV.)
 WLI + TEMPERATURE, 100 M CABLE (CM DIV.)
 WLI + TEMPERATURE, 150 M CABLE (CM DIV.)
 WLI + TEMPERATURE, 200 M CABLE (CM DIV.)
 WLI, 50 M FLAT CABLE (MM DIVISION.), TIP Ø 14.5 MM,
 WLI, 100 M FLAT CABLE (MM DIVISION.), TIP Ø 14.5 MM,