

Description

This meter is a water pressure type water level meter to measure not only water level of dam and river but change of ground water level in landside area. This meter can measure more precision because this meter does not need compensation of effect of atmospheric pressure change.

Feature

- Waterproof and dustproof
- High precision and stability by Electric resistance type
- Long measurement by strong durability and safety
- Easy installation by small size and light weight
- Easy connection with automatic measuring equipment

Specification

Type	PWL- □ □
Rated Capacity	0.1~35 kgf/cm ²
Accuracy	±0.15%RO
Thermal Effect On Zero	±0.03%RO/°C
Thermal Effect On Span	±0.03%RO/°C
Compensation Temperature Range	0 ~ 70°C
Safe Temperature Range	-20 ~ 80°C
Safe Exciting Voltage	11 ~ 24VDC
Output	1~5VDC, 4~20mA(2Wire)
Electrical Connection	Ø7 Vented Tube Polyurethane Cable

* PWL-XX V : 1~5VDC

* PWL-XX A : 4~20mA

Calculation

Actual water level = Cable length – Indicated level on indicator

ex) Cable length : 50m

Indicated level on indicator : 12.25m

50m - 12.25m = 37.75m (Actual water level)

* In case to mark meter on indicator.

