



# Level Sensor

NOHKEN Inc.

Ideal for water level measurement inside a manhole, and rivers.



## Features

- Hydrostatic Pressure Level Monitor  
Ideal for level measurement of river, reservoir tank and dam.

- Electrical Conductivity Level Sensor  
Suitable for manhole type pumping station and pump control of relay pumping station.

## Overview (Technical principles, actions, etc.)

- Hydrostatic Pressure Level Monitor  
The liquid pressure is converted to an electric signal by the semiconductor pressure conversion element and the water level is measured.

- Electrical Conductivity Level Sensor  
When the measuring solution comes into contact with the electrode, the measuring solution becomes a part of the circuit and the current level is detected.

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## Performance /specifications of technology / product

### Hydrostatic Pressure Level Monitor

; High accuracy by digital compensation • Model PLD

- Measuring Range 0~5m, 0~10m, 0~35m, 0~100m
- Accuracy  $\pm 0.1\%$ F.S. B.S.L.
- Output 4~20mA DC (There are also voltage output type)
- Lightning Protection [ 13kV(1.2/50 $\mu$ s), 6.5kA(8/20 $\mu$ s) ]
- Early field repair is possible by exchanging only sensor main body

### Electrical Conductivity Level Sensor

; Model MT10/Relay Unit RE9000

- Stable operation with build up of scum and slurry
- Since there are no moving parts on the sensor, it is excellent in durability
- Various liquid can be handled by sensitivity adjustment dip switch (Detection sensitivity: 1 k $\Omega$  to 80 k $\Omega$ )
- Number of detection points 1 point, 3 points, 10 points

## Usage examples / result

Various level sensors are used in all industrial fields.

