VePure PHM Series
Online pH / ORP Meter

VE-PURE

PHM-100

PHM-200

FEATURES

- ➢ High accuracy: ± 0.1pH of reading

- ➢ Medium temperature between -10 ~ 130 Degree C

- ➢ Microprocessor based industrial controller used to computation of the measured pH values.

- ➢ Large LCD screen to display pH and temperature values and also system error indication.

- ➢ Automatic temperature compensation.

- ➢ Dual relays for both HI and LOW alarm control.

- ➢ Isolated 2 channel 4-20mA output and Communication interface RS485.

- ➢ 2 sets of relays , High and Low switching

APPLICATION

- ➢ Water
- ➢ Pure Water
- ➢ Wastewater
- ➢ Chemical
- ➢ Other

SPECIFICATIONS

MODEL	PHM-100	PHM-200
Measuring Range	pH: -2 ~ 16 pH ORP: -1999 ~ +1999 Temp: 0 ~ 100 C	
Working Condition	0~65 C	0~70 C
Resolution	0.01 pH	
Accuracy	± 0.1 pH ± 0.1 C	
Output	2 Channel 4-20mA , Current output load: MAX 750 Ω	
Relay	2 Relay , MAX. 230V , 10A(AC)	
Communication	RS485 Modbus RTU	
Power Supply	AC 220V ± 10% 50Hz	
IP Protection	IP65	
Installation	Panel mounted / Wall mounted	
Dimension	96 x 96 x 135 mm	144 x 144 x120 mm
Cut-Out Size	92 x 92 mm	138 x 138 mm

PHS Series
Online pH Sensor

PH-8012 (Wastewater)

PH-8012 pH Sensor (Wastewater)

Measuring Range	pH: 0 ~ 14pH
	Temp: 0 ~ 65 C
Accuracy	± 0.1 pH
Pressure	0 ~ 6 bar
Temperature Comp	PT1000
Slope	≥ 96%
Body Material	PC / PPS / PTFE
Process Connection	Top and Bottom ¾ NPT Pipe Thread
Cable	Low-Noise Cable

ORP-8083 (ORP)

ORP-8083 ORP Sensor

Measuring Range	-1999 ~ +1999 mV
	Temp: 0 ~ 65 C
Accuracy	± 0.1 mV
Pressure	0 ~ 6 bar
Temperature Comp	PT1000
Sensor Material	Platinum
Body Material	PC / PPS / PTFE
Process Connection	Top and Bottom ¾ NPT Pipe Thread
Cable	Low-Noise Cable

PH-8011 (Antimony)

PH-8011 pH Sensor (Antimony)

Measuring Range	pH: 1 ~ 11pH
	Temp: 0 ~ 65 C
Accuracy	± 0.1 pH
Pressure	0 ~ 6 bar
Temperature Comp	PT1000
Sensor Material	Antimony
Body Material	PC / PPS / PTFE
Process Connection	Top and Bottom ¾ NPT Pipe Thread
Cable	Low-Noise Cable

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PH-8000 (Pure Water)

PH-8000 pH Sensor (Pure Water)

Measuring Range	pH: 0 ~ 14pH
	Temp: 0 ~ 60 C
Accuracy	± 0.1 pH
Pressure	0 ~ 2 bar
Temperature Comp	PT1000
Slope	≥ 96%
Body Material	PC / PPS / PTFE
Process Connection	Rotary Locking and Upper ¾ NPT
Cable	Low-Noise Cable

PH-8022 (Pure Water)

PH-8022 pH Sensor (Pure Water)

Measuring Range	pH: 0 ~ 14pH
	Temp: 0 ~ 60 C
Accuracy	± 0.1 pH
Pressure	0 ~ 6 bar
Temperature Comp	PT1000
Slope	≥ 96%
Body Material	PC / PPS / PTFE
Process Connection	Top and Bottom ¾ NPT Pipe Thread
Cable	Low-Noise Cable

CPH-809 (Desulfurization)

CPH-809 pH Sensor (Desulfurization)

Measuring Range	pH: 0 ~ 14pH
	Temp: 0 ~ 95 C
Accuracy	± 0.1 pH
Pressure	0 ~ 6 bar
Temperature Comp	PT1000
Slope	≥ 96%
Body Material	PPS / PTFE
Process Connection	Top and Bottom ¾ NPT Pipe Thread
Cable	Low-Noise Cable

VE-PURE

CPH-600 (Glass Type)

CPH-600 pH Sensor (Glass Type)

Measuring Range	pH: 0 ~ 14pH
	Temp: 0 ~ 65 C
Accuracy	± 0.1 pH
Pressure	0 ~ 6 bar
Temperature Comp	Without
Slope	≥ 96%
Body Material	Glass
Process Connection	Flow Cell
Cable	Low-Noise Cable

PH5806-VP6 (High Temp)

PH5806-VP6 pH Sensor (High Temp)

Measuring Range	pH: 0 ~ 14pH
	Temp: 0 ~ 130 C
Accuracy	± 0.1 pH
Pressure	0 ~ 6 bar
Connection	**Wire / VP / AS9 / AK9 / S7**
Size	12 / 120 / 150 / 225 / 325 / 425 mm
Body Material	Glass
Process Connection	Flow Cell
Cable	Low-Noise Cable

Refractable assembly Direct Pipe mount kit with ball value

Refractable assemb with cleaning part

Side Wall installation

① Inclination must be 15degree

② Top flange form installation

③ Pipe line installation

④ Top insert installation

⑤

⑥ Flow type installation

Immerse type installation