PH-6100 pH/ORP Transmitter

Application area

- Chemical process
- Recycle & cleaner
- Industrial process
- Ferment process
- Drinking & surface water measurement
- Water & waste water treatmen

Features

- 144*144 microprocessor pH/ORP transmitter
- Waterproof & dustproof proof design, to fit wall/ panel/ pipe installation
- With security password for the calibration and parameter setting
- Equipped RS-485 MODBUS RTU protocol, it canconnect to the digital system directly.(PH-6100RS serial only)
- Isolate current DC 0/4~20mA with programable according to pH/ORP、Temp.(PH-6100 serial only)
- Large LCD screen, with operation status and special symbol display
- Providing a sensor self-cleaning device contact, the programset out
- Providing a solution grounding function, can eliminate sample charging interference
- With backlight sensor, automatic and manual backlight setting function
- It provides a set of electrode cleaning device contact the program set out

Specifications

- AC supply   100V~240VAC±10%,50/60Hz
- DC supply   20~40VDC
- Temp   0~50℃
- Dimensions   144mm×144mm×115mm(H×W×D)
- Protection   Correspond to IP65(NEMA 4)
- Installation   wall/panel/pipe mounting
- Cut off Dimensions 138mm×138mm (H×W)
- Weight   0. 8Kg

Ordering Guide

Transmitter

- PH-6100   ◆ PH-6100D(20~40VDC)
- PH-6100DRS(20~40VDC) RS-485
- PH-6100RS RS-485

Parameters

Range   -2.00…+16.00pH/
                 -1999…+1999mV/
                 -30.0…+130.0℃
Resolution   0.01pH/1mV/0.1℃
Accuracy   ±0.01pH/±0.1%/±0.2℃;With
(±1Digit)   manual correction function
Input Resistance >10¹²Ω

Temperature Compensation
Automatic recognition with Pt1000/NTC30K or manual

Display
LCD display with sensitization sensorfor Auto/manual illumination function

Grounding Solution
A solution can eliminate interference Charged

Hi/Lo Relay Output
Two sets Hi/Lo programmable,N/OFF, 240VAC/ 0.5A Max

Analog Output
1or 2 sets of programmable & isolated DC 0/4~20mA corresponding to pH/ORP、Temp. measurement.Max. load 500Ω

Wash Relay Output
ON: 0…9999sec. / OFF: 0…999.9hours

Standard
- Electrode
- Bracket

EasyDo PH-620 pH/ORP Transmitter

Application area

- Recycle & cleaner
- Chemical process
- Industrial process
- Ferment process
- Drinking & surface water measurement
- Water & waste water treatment

Features

- 144*144 microprocessor pH/ORP transmitter
- Isolate current DC 0/4~20mA with programable according to pH/ORP、Temp.(PH-620 serial only)
- Large LCD screen, with operation status and special special symbol display
- Providing a sensor self-cleaning device contact,the program set out
- Providing a solution grounding function, can eliminate sample charging interference
- Waterproof & dustproof proof design, to fit wall / panel /pipe installation

Specifications

AC supply   100V~240VAC±10%,50/60Hz
Temp   0~50℃
Dimensions   144mm×144mm×115mm(H×W×D)
Protection   Correspond to IP65(NEMA 4)
Installation   wall/panel/pipe mounting
Cut off Dimensions 138mm×138mm (H×W)
Weight   0.8Kg

Operating Principle

The design principle of this instrument is to use the button (Mode ▷) to replace the traditional mechanical knob operation mode , suitable for traditional water pollution plant personnel operation and use.

Ordering Guide

Transmitter
- PH-620

Standard
- Electrode
- Bracket

Parameters

Range   0.00…14.00pH/-1999…+1999mV/
                 -10.0…110.0℃
Resolution   0.01pH/1mV/0.1℃
Accuracy   ±0.01pH/±0.1%/±0.2℃;With manual
(±1Digit)   correction function
Input Resistance >10¹²Ω

Temperature Compensation
Automatic recognition with Pt1000/NTC30K or manual

Display
LCD display with sensitization sensorfor Auto/manual illumination function

Grounding Solution
a solution can eliminate interference Charged

Hi/Lo Relay Output
Two sets Hi/Lo programmable,N/OFF, 240VAC/ 0.5A Max

Analog Output
2 channel isolate current DC 0/4~20mA with programable according to pH/ORP、Temp. Max. load 500Ω

Wash Relay Output
ON: 0…9999sec. / OFF: 0…999.9hours

Smart PH-6300 pH/ORP Transmitter

Application area

Widely used in waste water treatment, purewater , recycled water, boiler water systems, and electronics,electroplating , printing and dyeing , chemical , food, pharmaceutical and other process areas, Large sewage treatment plants, industrial process monitoring applications such excellence.

Features

- 96X96 microprocessor pH/ORP transmitter
- Waterproof & dustproof proof design, to fit wall/ panel/ pipe installation.
- Providing digital filtering, to filter out interference values to make the water more stable test
- With security password for the calibration and parameter setting
- Providing a sensor self-cleaning device contact, the program set out
- Large LCM screen, with operation status and special symbol display
- Providing a solution grounding function, can eliminate sample charging interference
- With 3-point automatic calibration; manual and automatic temperature compensation
- With backlight sensor, automatic and manual backlight setting function
- Equipped RS-485 MODBUS RTU protocol, it can connect to the digital system directly(PH-6300RS serial only)
- Two programmable output (PH-6300 serial only)

Specifications

AC supply	100V-240VAC±10%,50/60Hz
DC supply	20-40VDC
Temp	0...50℃
Dimensions	96mm×96mm×148mm(H×W×D)
Protection	Correspond to IP65(NEMA 4)
Installation	Wall/panel/pipe mounting
Cut off Dimensions	91mm×91mm (H×W)
Weight	0.4Kg

Parameters

Range	-2.00~16.00pH/-1999~+1999mV/ -30.0~130.0℃
Resolution	0.01pH/1mV/0.1℃
Accuracy (±1Digit)	±0.01pH/±0.1%/±0.2℃;With manual correction function
Input Resistance	>10^{12}Ω

Temperature Compensation
Automatic recognition with Pt1000/NTC30K or manual

Display
LCM display with sensitization sensorfor Auto/manual illumination function

Solution Ground
The electric interference can be eliminated by solution ground

Hi/Lo Relay Output
Two sets Hi/Lo programmable,N/OFF, 240VAC/ 0.5A Max

Analog Output
2 sets of programmable & isolated DC 0/4-20mA corresponding to pH/ORP, Temp. measurement. Max. load 500Ω

Wash Relay Output
ON: 0...9999sec. / OFF: 0...999.9hours

Ordering Guide

Transmitter
- PH-6300
- PH-6300D(20-40VDC)
- PH-6300RS RS-485
- PH-6300DRS(20-40VDC) RS-485

Standard
- Electrode
- Bracket

pH/ORP Electrodes and Accessories

POLILYTE PRO 120 FC5 HAMILTON Glass composite pH electrode

Feature
- Hole technology to replace common ceramic membrane technology, porous ceramic is 200 times larger
- POLISOLVE The reference was a lot of resistance to organic solvents
- In low conductivity samples equally well

Specification
- Test Range: 0…14pH
- Pressure range: 0. 6MPa
- Temperature range: 0…60℃
- The minimum sample conductivity: 2us/cm
- Reference electrolyte: POLISOLVE

MPC1202/MPC1312/MPS1312 two composite/ three composite/four composite pH electrode

Feature
- Adopt annular stain Junction Teflon resistant to pollution
- PC material/ PET material, easy to install
- 3/4 NPT teeth mouth for easy installation
- Composite pH, reference / Warming / solution ground capabilities

Specification
- Test range: 0…14pH/1000mV
- Pressure range: 0. 6MPa
- Temperature range: 0…90℃

MG1202/MG1202ORP Glass composite pH electrode

Feature
- Adopt annular stain Junction Teflon resistant to pollution
- Corrosion resistance

Specification
- Test range: 0…14pH/1000mV
- Pressure range: 0. 6MPa
- Temperature range: 0…90℃

MG-1205 Glass composite pH electrode

Feature
- Made in German
- High stability
- Resistant to pollution
- Special reference design

Specification
- Test Range: 0…14pH
- Pressure range: 0. 6MPa
- Temperature range: -5…+70℃

pH / ORP buffer   FC01 flow cell electrode

PP-100A Bracket   PP-100B Bracket

Other Options:
- PT01 electrode protective tube
- CLN 01 glass electrode cleaning device CLN 02 Molded electrode cleaning device
- MF-01 floating electrode protection tube holder