

PH5000 Versatile

pH/ORP Controller / Transmitter



- Designed for precision pH / ORP control at complex industrial sites.
- Panel mounted type.
- IP65 rated: waterproof and airproof. High protection against electromagnetic interference.
- Scalable isolated 4-20 mA Output.
- Control modes: On/Off limited control (LIT) .
- Separately adjustable high and low point setting.
- Large LCD, with high luminance LED backlight.
- RS-485 output

Specifications

| | | |
|--------------------|--------------------------|------------------------|
| pH | Range | -2.00-16.00 pH |
| | Resolution | 0.01 pH |
| | Accuracy | ±0.01 pH |
| | Signal Input Impedance | ≥1012 Ω |
| ORP | Range | -2000~2000 mV |
| | Resolution | 1 mV |
| | Accuracy | ±1 mV |
| Temperature | Temperature Range | -10.0~110.0 °C |
| | Resolution | 0.1 °C |
| | Precision | ±0.3 °C |
| | Temperature Sensor | Pt1000 |
| | Temperature Compensation | Automatic/Manual |
| Signal Output/load | Signal Output | 4-20 mA (Adjustable) |
| | Current Accuracy | 1%FS |
| | Load | <500 Ω |
| Data interface | RS485 | have |
| Relay Output | On/Off | 2 SPST Relays |
| | Output | 2.5A 230 VAC |
| | Cleaning/Alarm Relays | 1X 2.5A |
| Others | Power | 85~260 VAC or 24 VDC |
| | Working Temperature | 0~60°C |
| | Humidity | < 90% |
| | IP Rated | IP65 |
| | Installation | Panel Mounting |
| | Dimensions | (H×W×D) 108×108×158 mm |
| | Panel Cut Size | 94.5×94.5 mm |
| Weight | 0.5 kg | |

| | CS1753 pH Sensor | CS2733 ORP Sensor |
|--|-------------------------------|--------------------|
| Range: | 0-14 pH | -1000mV-1000mV |
| Temp: | 0-80 °C | 0-90 °C |
| Pressure: | 0-6 bar | 0-4 bar |
| Temp Sensor: | Pt1000/ Pt100/TH10K, Optional | None |
| Ref: | Ag/AgCl KCL | with Ag+ ion trap. |
| Liquid Junction: | Double junction. | Double junction |
| Measuring: | Glass | Pt |
| Thread: | NPT 3/4" thread | NPT 3/4" thread |
| Housing | PPS, 160mm Ø30mm | PPS, 160mm Ø30mm |
| Cable: | 5m, BNC | 5m, BNC |
| Applications : for Chemical Process | | |
|  | | CS1753 pH Sensor |