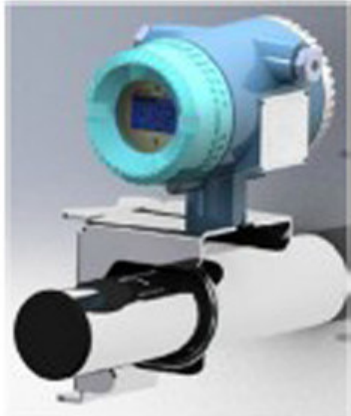

PHD-99S 智能型 pH/ORP 变送器



Product Description

PHD-99S Intelligent pH/ ORP Transmitter

I Instruction

PHD-99S transmitter is an intelligent microprocessor industry online detecting instrument. It has flame-proof structure, advanced function and high performance price ratio which can be used in sewage treatment, wastewater monitoring, water detection, acid-base neutralization, chemical reaction and the monitoring and control of pH/ORP value in various industrial process.

II Instrument Features

Intelligent instrument, check the performance parameters of the electrode through menu calibration and parameter setting.

Blue backlight LCD displays pH (mV), temperature, output percentage simultaneously.

24VDC two-wire

Output 4-20mA

Corresponding range can be set arbitrarily.

Manual or automatic temperature compensation, PT100, PT1000 temperature sensor can

be switched by setting.

Calibration and parameter adjustment can be operated by key or by magnetic rod outside the shell in flame-proof occasions.

III Technical Parameter

Measurement range pH 0~14pH

ORP -1999~+1999mV

Instrument stability $\pm 0.05\text{pH}(2\text{mV})/24\text{ hour}$

Measurement error $\pm 0.05\text{pH}(2\text{mV})$

Instrument resolution $\pm 0.01\text{pH}(1\text{mV})$

Measurement display pH (or mV), temperature value

Input impedance $>3 \times 10^{12}$

Output signal 4~20mA.DC

Output load resistance 0~500

Operating ambient temperature -40~70 degree

Temperature compensating element Pt100 or Pt1000

Temperature compensating range -10~100 degree

Temperature compensating error $<0.005\text{PH/degree}$

Power supply 24VDC ± 10

Electrical interface M20*1.5

Protection grade IP65

Explosion-proof intrinsically safe Exd II CT6