

# Smart PH Sensor

Product model: FST100-PH104A

The FST100-PH104A sensor can be used for environmental water quality monitoring, acid/alkali/salt solutions, chemical reaction processes, and industrial production processes, and can meet the requirements for online pH measurement in most industrial applications.

## ◆ Features

- ✓ Universal RS485 interface, Modbus/RTU protocol
- ✓ Conveniently connected to third-party equipment such as industrial control computers, general controllers, recording instruments, PLC, DCS, etc.
- ✓ Dual high-impedance differential amplifiers, strong anti-interference and fast response speed
- ✓ 3/4" NPT pipe thread is easy to install, convenient for submersible installation or installation in pipes and tanks
- ✓ Protection grade IP68



## ◆ Technical parameter

model	FST100-PH104A
Measuring range	0~14.00pH
resolution	0.01pH
Accuracy	±0.1pH,±0.3℃
Operating temperature	0~65℃
work pressure	< 0.2MPa
Temperature compensation	Automatic temperature compensation (NTC)
powered by	12~24VDC
Signal output	RS-485(Modbus/RTU)
shell material	POM
Installation method	Submersible installation, 3/4" NPT pipe thread
Cable length	5 meters, other lengths can be customized
Calibration method	Two point calibration
Power consumption	0.2W@12V
Protection level	IP68

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## ◆ Product dimensions and installation electrical interface

