KWS-700 Online pH Sensor

Introduction

KWS-700 digital pH sensor adopts industrial online electrode, built-in temperature sensor, can automatically temperature compensation, suitable for industrial sewage outlets, general rivers, manholes and other online long-term monitoring environments. The sensor adopts RS485 output and supports Modbus, which can realize networking and system integration without a controller.
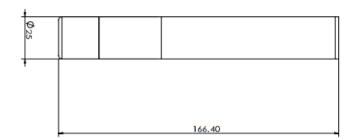
Feature

- Signal output: RS-485 (Modbus/RTU protocol).
- Convenient connection to third-party equipment such as PLC, DCS, industrial control computer, general controller, paperless recording instrument or touch screen.
- Using high-performance industrial online electrodes, can work stably for a long time
- Built-in temperature sensor, automatic temperature compensation

Technical Specifications

Model	KWS-700
Measuring Range	0～14pH
Accuracy	±0.1pH
Resolution	0.01pH
Temperature Range	0 ~ 50℃
Work Pressure	＜0.2MPa
Temperature Compensation	automatic temperature compensation
Output	RS-485, MODBUS protocol
Power Supply	6～12VDC ±10%
Wetted Part Material	POM
Installation	Immersion mounting
Cable Length	5 m, customizable
Calibration Method	Two-point calibration
Ip Grade	IP68

Dimension

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