

pH Transmitter

Model: pH 600-4



INTRODUCTION

pH 600-4 pH transmitter is an essential instrument used to measure and transmit pH levels in various industrial processes. It consists of with or without pH sensor, pH sensor generates a voltage signal proportional to the hydrogen ion concentration in a solution, and the sensor output is input to the transmitter unit that process this signal and convert in to 4-20 mA 2 wire loop current output. This output is then transmitted to control systems or monitoring equipment for real-time pH monitoring and control. pH transmitters play a vital role in maintaining optimal pH conditions, ensuring product quality and process efficiency in industries like water treatment, chemical processing, and food production.

Applications

- Water treatment
- Chemical Industries
- Food Industries
- Pharmaceutical

FEATURES

- ✓ pH Transmitter with ATC (Automatic temperature Compensation) in IP-65 Housing
- ✓ 2 Wire 4~20mA Isolated Output
- ✓ Galvanic Isolation : 1500VDC (Input / Output)
- ✓ Large LCD Display. (optional)

Technical Specifications

Model	pH 600-4
Display Indication	Optional
Input	from pH sensor
Measuring range	0 to 14 pH
Resolution	0.01pH
Accuracy	±0.02pH (without electrode)
Output	4-20mA (isolated)
Output type	2- wire with Load resistance of 200 ohms.
Calibration	using offset & slope trimmers
Temp. compensation	Manual / Automatic (optional)
Power supply	24V DC ± 10%
Operating temperature	0 to 50°C
Housing	Polycarbonate enclosure

Note: Due to continuous product improvements, Published specifications may change with out notice



SANSEL INSTRUMENTS AND CONTROLS SANSEL CALIBRATION LABORATORIES

ISO/IEC 17025 Accredited Calibration Laboratory by NABL CC - 2879
(Thermal, Mechanical, Electro-Technical, Dimension Parameters)

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