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About this capture

Model 30 pH/ORP Transmitter—4 Wire

Specifications
Ordering Information

Model 30 — pH/ORP Transmitter

This newest analyzer is available in a single sensor input version, in an enclosure that takes up half the space of most other transmitters. This single input Model 30 may be configured as either a pH or an ORP meter.The transmitter has two 0/4–20 mA outputs that can be programmed to correspond to the measurement and temperature. Both two- and one-point calibration are available with the Model 30. Easy one point recalibration while the instrument is on-line makes adjustment after grab sample analysis quick and simple.

The Model 30 features an easy-to-use, intuitive menu that makes advanced programming and calibration simple. On-screen full text and phrase prompting does away with cryptic mnemonic based instrument displays.



SPECIFICATIONS

Model 30—pH Transmitter Specifications

Input: Single input. Solution ground and sensor interrogation capabilities. No separate preamp required.

Output: Two isolated 0/4–20 mA outputs. Can be displayed in either mA or percent.

Calibration and Measurement: Measuring range is 0 to 14 pH. Single- or multiple-point calibration with auto buffer recognition.

Serial Communication: None.

Relays: Three programmable relays, activated according to setpoints. Each handles up to 5 amps.

Security: Option to set a passcode allowing “read only” or full access to all functions: Calibrate, Program and Display.

Configuration: Clear alphanumeric display with text prompts. User selectable automatic and manual temperature compensation. Easy to configure and program.

Physical Characteristics: Two-line, 16-character, back-lit LCD display. NEMA 4X (IP65) housing, weatherproof and corrosion resistant. CE approved.

Mounting Hardware: Available in either pipe or panel mount versions. Cable grips not included.

Power Supply Requirements: 115/230 VAC, 50/60 Hz.

Top Considerations:

- Clear, easy-to-read, back-lit display
- Full text prompts
- Easy programming
- Passcode protected menus

What is 4-20 mA

- Analog signal
- Current is proportional and scalable to sensor signal

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field device to the control system. Only one variable can be transmitted per loop. No secondary data is available for the control system, and the field devices can only be calibrated and configured at the device itself in the fermentation or cell culture suite.

Ordering Information

Call 1-800-288-2833 – For Price & Delivery

Transmitter Part Number	Description
30-A-PH	Model 30 pH Transmitter, Panel Mount
30-B-PH	Model 30 pH Transmitter, Pipe Mount
AM-9385	Power Cord, 6 ft, 115 VAC, 3 prong U.S.
AM-9377	Cable Grips, Package of 3

USA and Canada: Broadley-James Corp. Toll-Free 800.288.2833
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