



PRO Series Transmitter, pH/ORP

Product #: PRO-P3A1N

ZAR Price: Contact Hach
Available

The economical PRO-P3 Transmitter is easy to use with its menu-guided user interface. The NEMA 4X enclosure can be panel, wall, pipe, or integral sensor mounted. The interface is identical to GLI's 33-series analyzers. Versatile 2, 3, or 4-wire hookup capability. Isolated 4 - 20 mA output. The transmitter is also passcode protected.

Multiple Measurements (pH, ORP, temperature, analog output value)

Multiple Language Capability

Versatile Sensor Compatibility

Auto/Manual Temperature Compensation

Simple Interactive Diagnostics

Specifications

Accuracy:	± 0.1 % of span, at 25 °C
Calibration Method:	2-point Buffer (for pH only) 1-point Sample (for pH or ORP)
Communication:	0/4 to 20 mA with 0.004 mA (12-bit) resolution (during calibration, the analog output is automatically held at the last measured value and, upon completion, returned to its active state)
Dimensions (H x W x D):	95 mm x 95 mm x 60 mm
Display:	2-line by 16 character LCD
Load:	Maximum permissible load dependent on power supply voltage, transmitter hookup arrangement, and wire resistance
Material:	Enclosure: Polycarbonate
Measuring Range ORP:	-2100 - 2100 mV
Measuring range pH:	Selectable Ranges: -2.0 - 14.0 pH -2.00 - 14.00 pH
Measuring Range Temperature:	-20 to 200 °C
Memory Backup:	All user settings are retained indefinitely without battery backup
Mounting:	Panel, wall, pipe, or integral sensor mounting

Operating temperature range:	-20 - 60 °C at 0 - 95% RH (non-condensing)
Parameter:	pH/ORP
Power requirements (Voltage):	12 - 30 VDC
Relative Humidity:	0 - 95 % non-condensing
Repeatability:	± 0.05 % of span, at 25 °C
Response Time T90:	1 - 60 s with output filter setting of zero
Sensitivity:	± 0.05 % of span, at 25 °C
Special Notes:	The measured pH (or ORP) and temperature can be displayed separately or together on one screen. Both analog output values are shown together on one screen
Storage conditions:	-30 to 70 °C 0-95% Relative humidity, non-condensing
Temperature Compensation:	-10 - 110 °C Automatic with selection for NTC 300 Ω, Pt1000 or Pt100 or manually fixed at a user-entered temperature; additional selectable temperature correction factors (ammonia, morpholine or user-set pH/°C linear slope)
Temperature Drift:	0.02 % of span per °C (zero and span), at 25 °C
Warranty:	12 months
Weight:	0.280 kg
What's included?:	Controller, User Manual
Width:	with back cover

What's included?

Controller, User Manual