

ISOLATED 2-WIRE pH/ORP TRANSMITTER MODELS 693pH/695pH/693ORP/695ORP

FEATURES:

- Input/Output Isolated
- 4 to 20 mA Output
- Manual or Automatic Temperature Compensation (693/695 pH only)
- NEMA 4X enclosure
- Large LCD Display (695pH/695ORP only)
- High Accuracy
- 4 to 20 mA Output Scaled to Any 1 pH or 100 mV unit Span (695pH/695ORP)
- Wide Range Power Supply, 12 to 80 DCV
- BNC Input Connector
- High Input Impedance



SPECIFICATIONS

Model	693 pH	693 ORP
Range	0 to 14.00 pH	-700 to +700 mV
Accuracy	0.02 pH ± 1 digit	1 mV ± 1 digit
Span	14 pH (fixed)	1400 mV (fixed)
General		
Input impedance	Greater than 10 to the 12th Ohms	
Temperature compensation	Auto 0 to 100°C or manual using fixed resistor (693 pH only)	
Operation temperature	-10 to 60°C	-10 to 60°C
Connector	BNC connector	BNC connector
Output	4 to 20 mA	4 to 20 mA
Power	11 to 80 VDC	11 to 80 VDC
Dimension	4.92" L x 2.95" W x 3.94" D (NEMA 4X case)	
Model	695 pH	695 ORP
Range	pH 0 to 14.00 pH mA 4.0 to 20.0 mA	ORP -700 to +700 mV mA 4.0 to 20.0 mA
Resolution	pH 0.01 pH mA 0.1 mA	ORP 1 mV mA 0.1 mA
Accuracy	pH 0.02 pH ± 1 digit mA 0.05 mA ± 1 digit	ORP 1 mV ± 1 digit mA 0.05 mA ± 1 digit
Span	Any 1 to 14 pH unit, selectable with internal DIP switch	Any 100 to 1400 mV unit, selectable with internal DIP switch
General		
Input impedance	Greater than 10 to the 12th Ohms	
Temperature compensation	Auto 0 to 100° C or manual using fixed resistor (695pH only)	
Operation temperature	-10 to 60°C	-10 to 60°C
Connector	BNC connector	BNC connector
Output	4 to 20 mA	4 to 20 mA
Power	11 to 80 VDC	11 to 80 VDC
Display	0.5" high LCD	0.5" high LCD
Dimension	4.92" L x 2.95" W x 3.94" D (NEMA 4X case)	

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