

4 wire , 4 - 20 mA

Range 0 ~ 14 pH

pH TRANSMITTER

Model : TRPH-201

ISO-9001, CE, IEC1010



Lutron

LUTRON ELECTRONIC

The Art of Measurement

4 wire , 4 - 20 mA

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pH TRANSMITTER

Model : TRPH-201

FEATURES

* 4-wire installation.
* Linear current output .
* Easy installation and connection.
* pH range : 4.00 to 14.00 pH.
* Analog output: 4 to 20 mA.
* 4.00 & 7.00 pH standard solution are standard accessories.
* Power supply by DC 9 ~ 30 V .
* Available for wide applications, such as aquarium, beverage, fish hatcheries, food processing, photography, laboratory, quality control, school & colleges, swimming pools, water conditions.

Electrical Specifications (23 ± 5 °C)

Ph

Measurement	Range	Resolution	Accuracy
PH	0 to 14 PH	0.01 PH	±(0.02 PH + 2 d)

* Analog output: 4 to 20 mA.
* Input Impedance : 10¹² ohm
* PH accuracy is based on calibrated meter only.

@ Above specification tests under the environment RF Field Strength less than 3 V/M & frequency less than 30 MHz only.

General Specifications (23 ± 5 °C)

Ph Probe	PH electrode with BNC connector.
Measurement & Range	pH rang 1 : 0 to 14.00 pH.
pH Calibration	4.00 pH & 7.00 pH Solution 4.00 pH(5.14mA) , 7.00 pH(12.00mA)
Accuracy (23±5 °C)	pH ± (0.02 pH + 2 d) * After calibration
Analog output	Analog output: 4 to 20 mA. * <i>linear for range.</i>
Loop impedance	Max. 150 Ω@24 V DC.
Power supply	Power 9 to 30VDC@200 mA. * <i>Ripple < 2.5% (Isolated)</i>
Operation Temp.	0°C to 70°C .
Operation humidity	Max. 85% RH.
Standard accessories	* Instruction manual..... 1pc * pH 4 buffer solution(PH-04)..... 1pc * pH 7 buffer solution(PH-07) 1pc
Optional probe and	* PH electrode..... PE-03, PE-11, PE-01, PE06HD PE-04HD, PE-05T, PE-03K7