

On Line pH Transmitter



- ▶ **EXTERNAL CALIBRATION ACCESS**
- ▶ **TRUE FLAME PROOF OPERATION**

MODEL DPH 512

FEATURES

- Low Cost / High Performance
- High Input Impedance & Very Low Bias Current
- Solution Ground referenced measurements
- Automatic Temperature Compensation
- 12 to 40 V DC Operation
- 4 - 20 mA DC Output
- Externally Accesible Zero & Span Calibration
- Weatherproof / Flame proof enclosure

GLOBAL ELECTRONICS

(An ISO 9001:2008 Company)

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Specifications

| | |
|---------------------------|---|
| Display | : 4 digit LCD |
| Input | : Combined pH Electrode, Temperature Sensor , Solution Ground |
| Range | : 0 to 14 pH |
| Resolution | : 0.01 pH |
| Accuracy | : 0.1% ± 1 digit |
| Temperature Compensation: | -30 to 130°C Automatic |
| Input Impedance | : > 10 ¹² Ohms |
| Input bias current | : < 1 pA @ 25°C |
| Standardisation range | : 120 mV / ± 2 pH units |
| Slope range | : 80 to 105 % (47.3 to 62 mV/pH @ 25°C) |
| Output | : 4 - 20 mA DC |
| Enclosure | : Dia 102 x 165 mm with 1" or 2" pipe mounting bracket. |
| Certification | : FLAME PROOF : IS-2148 (2008) |
| Power | : 12 to 40 V DC |
| Environment | : Temperature : 0 to 50°C Relative Humidity : 0 - 80% (Non-condensing) |

Ordering Information Model DPH 512

DATA AND SPECIFICATIONS SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

Standard Accessories:

High accuracy Standard Buffer Solutions for Calibration

♦ 7.00 pH ♦ 4.00 pH ♦ 10.00 pH

Recommended Accessories:

High Quality Industrial pH Electrodes from VLPC, USA

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