

## On Line pH Transmitter



**MODEL DPH 512**

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

### **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 <sup>12</sup> 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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