

## On Line pH Indicator WITH TRANSMITTER

**TRULY  
FLAMEPROOF**



**MODEL DPH 509**

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

### **FEATURES**

- External Transmitter near electrode for areas where Instrument is at distant location
- High Input Impedance with very low Input Current
- Solution Ground referenced measurements
- Available in Panel Mount, Wall Mount & Flameproof enclosures.

## **GLOBAL ELECTRONICS**

**(An ISO 9001:2008 Company)**

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## Specifications



Display	: 4 digit High Brightness non fading 0.56" LED
Input	: 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)
Enclosure	: <b>Transmitter</b> : Dia 150 x 75mm deep with 1" pipe mounting bracket <b>Indicator</b> : Panel Mount : 96 x 96 x 150 mm Wall Mount : 130 x 130 x 130 mm Flame Proof : Dia 102 x 165 mm long for pipe mounting
Power	: 230V AC ± 15%, 50 Hz
Environment	: Temperature : 0 to 50°C Relative Humidity : 0 - 80% (Non-condensing)

### Ordering Information      **Model DPH 509 - X - X**

Enclosure	Panel Mount	<b>D</b>	
	Wall mount	<b>W</b>	
	Flame proof	<b>F</b>	
Output	None		<b>N</b>
	4 - 20 mA DC		<b>A</b>

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 VL Phoenix, USA

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