

# DL2000 Low Cost DirectLine pH Electrodes

## Specification

### Overview

The DL2000 pH electrodes are to be used with the DL421 DirectLine pH module. The durable Ryton body construction, single junction reference and glass spherical measuring sensor provides for rugged and dependable pH electrode for light industrial applications.

DL2000 pH electrodes are available with  $\frac{3}{4}$ " NPT threads at the top and bottom for easy in-line, pipe tee or submersion mounting.

An integral 8550 Ohm temperature sensor is standard on all electrodes for accurate temperature measurement for Nerstian compensation with in the DL421 module.



### Features

#### DL2000 Electrodes

- **Rugged Ryton body construction** is virtually unbreakable in most light industrial applications
- **In-line, pipe tee or submersion mounting** for a variety of installation options
- **$\frac{3}{4}$ " NPT mounting threads** provide for easy installation
- **Integral, reliable 8550 Ohm temperature compensator** ensures accurate temperature measurement
- **Integral 20' cable** for remote mounting to DL421 DirectLine Sensor Module

#### DL421 DirectLine Module

- **Direct 4-20 mA output** eliminates need for dedicated analyzers or transmitters, simplifying installation, start-up, operation, and maintenance tasks
- **Integral electronics with local HMI** simplifies installation and shortens calibration times
- **Local display and keypad** facilitates quick set-up, calibration, and operational activities
- **Sample or auto buffer calibration options** accommodates individual calibration techniques and reduces calibration time

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**Specifications**


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<b>DL2000 pH Electrode</b>	
<b>pH Range</b>	0 – 14 pH
<b>Wetted Materials</b>	Body: Ryton Sensor: Glass Reference Junction: Porous HDPE
<b>Temperature Rating</b>	0 – 65° C (32 – 149° F)
<b>Pressure Rating</b>	4.8 bar (70 psig)
<b>Temperature Compensator</b>	8550 Ohm thermistor
<b>Cable</b>	Integral 20' length
<b>Mounting</b>	¾" NPT male thread
<b>Dimensions</b>	25.4 mm body (1") 120.6 mm length (4.75")

Distributor :



Tlf: 67150 250 Faks: 67 150 251

Mail: [post@instrumentteam.no](mailto:post@instrumentteam.no)

Web: [www.instrumentteam.no](http://www.instrumentteam.no)

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**Honeywell Field Solutions**

Honeywell  
512 Virginia Drive  
Fort Washington, PA