



## **¾" Combination pH Sensor, Insertion Style, PVDF Body, General Purpose Glass pH Electrode, Temperature Compensation - PT1000**

**Product #:**

**PC2K1A**

ZAR Price:  
Available

Contact Hach

PVDF, Insertion Body Style, 4.5m Analog Cable, General Purpose Glass pH Electrode, PT1000 Temperature Compensation

### **Low Price - Great Performance**

These combination sensors are designed for specialty applications for immersion or in-line mounting. The reference cell features a double-junction design for extended service life, and a built-in solution ground. The body is molded from chemically-resistant PPS or PVDF, and the reference junction is coaxial porous PTFE. All sensors are rated 0 to 105 °C up to 100 psig, and have integral 4.5 m (15 ft.) cables with tinned leads. The PC-series (for pH) and RC-series (for ORP) combination sensors are ideal for measuring mild and aggressive media.

### **Special Electrode Configurations**

Sensors with rugged dome electrodes, “easy-to-clean” flat glass electrodes, and even HF (hydrofluoric acid) resistant glass electrodes are available for a wide variety of process solutions.

### **Temperature Compensation Element Option**

The PC-series combination pH sensors are available with or without a Pt 1000 ohm RTD temperature element. The RC-series combination ORP sensors are supplied without a temperature element.

### **Versatile Mounting Styles**

Sensors are available in three mounting styles - convertible, insertion, and sanitary.

### **Full-Featured “Plug and Play” Hach Digital SC Controllers**

There are no complicated wiring or set up procedures with any Hach SC controller. Just plug in any combination of Hach digital sensors and it's ready to use-it's “plug and play.” One or multiple sensors-the SC controller family allows you to receive data from up to eight Hach digital sensors in any combination using a single controller.

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## **Specifications**

Accuracy:	± 0.1 pH under reference conditions
Body material:	PVDF, General Purpose
Cable Length:	4.5 m fixed cable, terminated with stripped and tinned wires
Diameter:	33 mm
Electrode Type:	Insertion
Flow:	0 - 2 m/s
Length:	149.9 mm
Material:	General purpose
Measuring range:	0 - 14 pH
Operating temperature range:	0 - 105 °C
Parameter:	pH
Pressure Range:	6.9 bar at 100 °C

Sensor Thread:	0.75" NPT on both ends
Temperature Compensation:	Yes
Transmission Distance:	100 m (328 ft.), maximum
Transmission Distance 2:	1000 m (3280 ft.), maximum when used with a termination box
Warranty:	3 months
Wetted Materials:	PVDF, PTFE double junction, glass electrode, FKM/FPM O-rings
What's included?:	Includes: sensor with 15 ft cable and manual

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Includes: sensor with 15 ft cable and manual