



Be Right™



## 3/4 Inch Combination pH/ORP Sensor, Convertible Sensor Style, Ryton Body Material, Flat Glass General Purpose pH Electrode, Temperature Compensation - None

Product #: PC1R2N  
SGD Price: Contact Hach  
Available

Ryton, Convertible Body Style, 4.5m Analog Cable, General Purpose Flat Glass pH Electrode, No 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 Ryton® 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 sc Digital 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:	Ryton
Cable Length:	4.5 m fixed cable, terminated with stripped and tinned wires
Diameter:	33 mm
Flow:	0 - 2 m/s
Length:	149.9 mm
Material:	Flat glass
Operating temperature range:	0 - 105 °C
Parameter:	pH
Pressure Range:	6.9 bar at 100 °C
Probe Type:	Convertible
Range:	0 - 14 pH

Region:	Global
Sensor:	Convertible
Sensor Thread:	0.75" NPT on both ends
Temperature Compensation:	No
Transmission Distance:	max. 1000 m when used with the HACH digital gateway, termination box, and SC100 controller
Wetted Materials:	Ryton, PTFE double junction, glass electrode, Viton O-rings

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## **What's in the box?**

Includes: sensor with 15 ft cable and manual