



Digital 3/4" Combination pH Sensor, Convertible Sensor Style, PPS Body Material, General Purpose Glass pH Electrode

Product #:

DPC1R1A

AED Price:

Contact Hach

No availability shown

PPS, Convertible Body Style, 4.5m Analog Cable, General Purpose Glass pH Electrode, Pt 1000 Temperature Compensation, Cold Temperature Operation Fill, includes 6120600 Digital Gateway for Connecting to sc Controller and a 6122400 1m (3ft) Digital Extension Cable

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 RCseries (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.”

Specifications

Accuracy:	Less than 0.1 pH under reference conditions
Body Material:	PPS
Flow:	0 - 2 m/s (0 - 6.6 ft./s); non-abrasive
Material:	PPS
Material (electrode):	General Purpose Glass pH Electrode
Measuring range:	Combination pH Sensors 0 - 14 pH
Operating temperature range:	0 - 105 °C
Pressure range:	0 - 6.9 bar at 100°C (0 - 100 psig at 212°F)
Sensor cable:	Integral coaxial cable (plus two conductors for temperature compensator option); 4.5 m (15 ft.) long
Sensor thread:	0.75"

Specifications:	Most pH applications fall in the 2.5-12.5 pH range. General purpose pH glass electrodes perform well in this range. Some industrial applications require accurate measurements and control at pH values below 2 or above 12. Consult Hach Technical Support for details on these applications.
Temperature compensation:	Pt 1000 ohm RTD
Temperature range:	0 105 °C (32 - 221 °F)
Transmission distance:	Signal Transmission Distance 1000 m (3280 ft.) when used with the Hach Digital Gateway, Termination Box, and sc200 Controller.
Warranty:	3 months
Wetted Materials:	Sanitary style: 316 stainless steel sleeved PVDF body; PPS, PTFE double junction, glass electrode, FKM/FPM O-rings
What's included?:	Includes: sensor with 15 ft cable, digital gateway, 3 ft digital extension cable and manual

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