

pH & ORP Sensor

Model P821

RODI's pH model P821 sensors are specially designed for convenient electrode replacement, with minimal troubleshooting and minimal maintenance.

The P821 sensors are suitable for virtually all applications where high performance is required, in either in-line or submersible installations.



Description

Sensors are available, with or without an integral differential preamplifier. The preamp converts the high impedance signal into a stable, noise-free signal, eliminating any ground loop problems.

The sensor is housed in a chemically resistant graphite-filled Ryton with Viton® O-rings. The Ryton body is used as the solution ground. The electrode tip is constructed in a unique Tuff Tipp® protected tip design with a Magna-Flow® peripheral ceramic reference junction, which does not require electrolyte replenishment during the life of the electrode.

The Magna-Flow® reference junction provides longer life even in harsh, dirty applications and solutions with a high solids content.

Standard Features

- In-line or submersible
- 3/4 inch MNPT process fittings
- Temperature compensated
- Detachable 25 foot cable with or without preamp
- Solution ground
- Graphite filled Ryton® housing
- Magna-Flow® reference junction
- Tuff Tip® pH electrode end
- Self cleaning

Specifications

pH Range	GX-2: 0-12 pH GX-3: 0-14 pH
Temperature	0°C to 120°C
Maximum Pressure	100 PSIG at 70°C
Wetted Materials	Glass, graphite filled Ryton®
Connections	3/4 inch MNPT

Options

BSP or metric threaded process fittings · Teflon or Wood junctions · Single-ended preamp · Platinum or gold disc ORP sensor · Fixed cable, no preamp
Detachable cable with no preamp.

