



pH & ORP Sensors



The pH and ORP Sensors from Design Controls are specifically designed to be low maintenance. The sensor's flat, self-cleaning surface does not collect suspended particles and is housed in a durable Ryton body that lends the sensor long life and versatile compatibility with several chemical process applications.

The gel-filled reference requires no pressurization and has a specially designed annular junction which allows operation in processes that would normally foul a standard electrode reference. The electrodes are compatible with nearly all available pH and ORP instrumentation.

Both ends of the electrode housing are threaded $\frac{3}{4}$ " MNPT for insertion into the sample stream and for optional connection to a watertight conduit for the signal/power cable.

Additionally, the new design incorporates a detachable lead so that removal of the sensor does not cause crimping or entangling of the probe cable.

Unique design features include:

- Fast response.
- Flat self-cleaning sensing surface.
- Sealed gel-filled reference.
- Large annular reference junction.
- Compatible with most pH analyzers.
- Detachable lead.
- 0°-100° C temperature range.

Ordering Information:

	<u>Part Number</u>
pH Sensor (Detachable Lead)	P7215000SDL
pH Sensor (Integrated 3' Lead with BNC Connector)	P7215000S003B
pH Sensor (Integrated 10' Lead with BNC Connector)	P7215000S010B
ORP Sensor (Detachable Lead)	P7219000SDL
ORP Sensor (Integrated 3' Lead with BNC Connector)	P7219000S003B
ORP Sensor (Integrated 10' Lead with BNC Connector)	P7219000S010B
Detachable Lead, 3' (TNC to Tinned leads)	9001071-003T
Detachable Lead, 10' (TNC to Tinned leads)	9001071-010T

