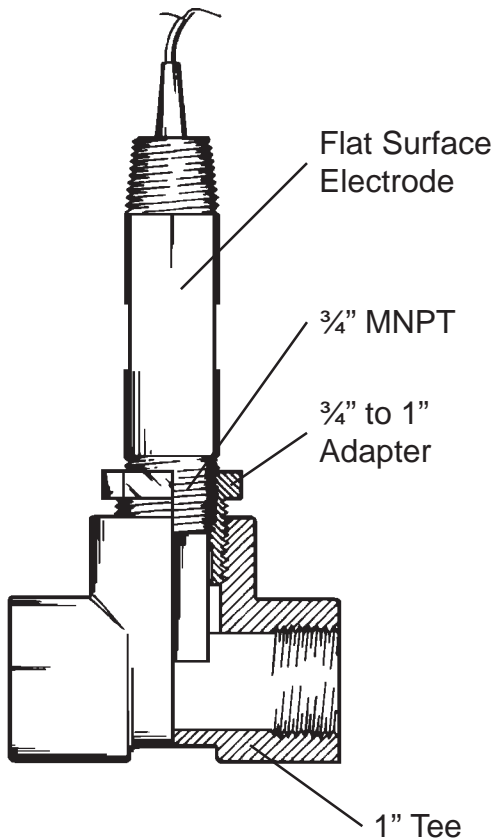


# Self-Cleaning Flat Surface Combination pH and ORP Sensors



## SELF-CLEANING FLAT SURFACE COMBINATION pH and ORP SENSORS

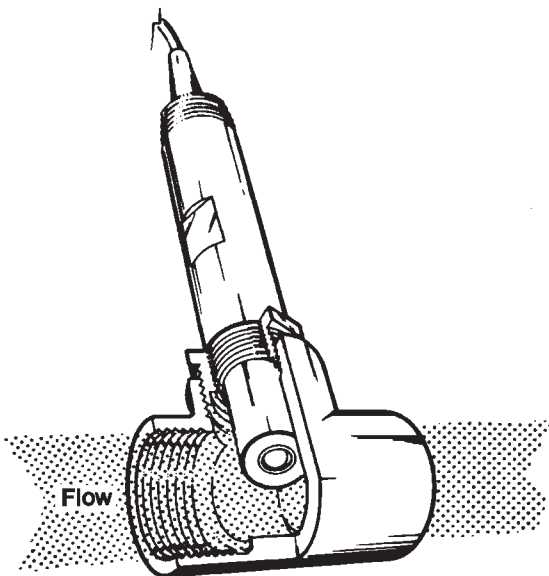
This family of sensors is especially designed for self-cleaning. The sensing end has a flat surface pH membrane or ORP sensor. This provides long life due to its rugged construction. The flat surface is beneficial because it does not collect suspended solids, and its self-cleaning ability by the flow of the process over the electrode provides a clean electrode surface.

The reference is gel-filled and requires no pressurization. The annular reference junction is of special design, allowing operation in processes that would normally foul a standard combination electrode reference. The electrodes are compatible with nearly all available pH and ORP instrumentation. They may be ordered with an optional integral temperature compensator. (Refer to temperature compensator selection chart.)

The electrode housing is a  $\frac{3}{4}$ \" MNPT fitting. Probe insertion is 2\" from the threaded end,  $\frac{3}{4}$ \" diameter with standard pressure up to 100 PSI.

The unique design features are:

- Fast Response
- Flat Sensing Surface
- Sealed Gel-Filled Reference
- Large Annular Porous Polyethylene Ref. Junction
- Compatible with Most pH Analyzers





**Flat Surface Electrode**

**ORDERING INFORMATION**

**pH ELECTRODES**

Part Number	Body Material	Reference	Temperature Range	pH Range
1922557	CPVC	Single Junction	0° to 80°C	0-12
1962557	Kynar	Single Junction	0° to 100°C	0-12
1922757	CPVC	Double Junction	0° to 80°C	0-12
1962757	Kynar	Double Junction	0° to 100°C	0-12

**ORP ELECTRODES**

Part Number	Body Material	Reference	Temperature Range	Sensor Type
1929657	CPVC	Single Junction	0° to 80°C	Platinum
1969657	Kynar	Single Junction	0° to 100°C	Platinum
1929857	CPVC	Double Junction	0° to 80°C	Platinum
1969857	Kynar	Double Junction	0° to 100°C	Platinum
1968857	Kynar	Double Junction	0° to 100°C	Gold



**1" Tee**



**3/4" to 1" Adapter**

**ELECTRODE TEE WITH 3/4" ADAPTER**

Part Number	Construction	Size
1061014	Kynar	1" NPT
1021011	CPVC	1" NPT

Standard lead length is 10' with a BNC connector. Special lead lengths and connectors may be ordered simply by designating the cable length and connector in the part number, i.e.:

