Model P822 Electrode
pH and ORP

¾ Inch MNPT   Wrench Flat   ¾ Inch MNPT   *Tuff Tip®*

Low Noise pH Cable

20 mm

44 mm

171 mm
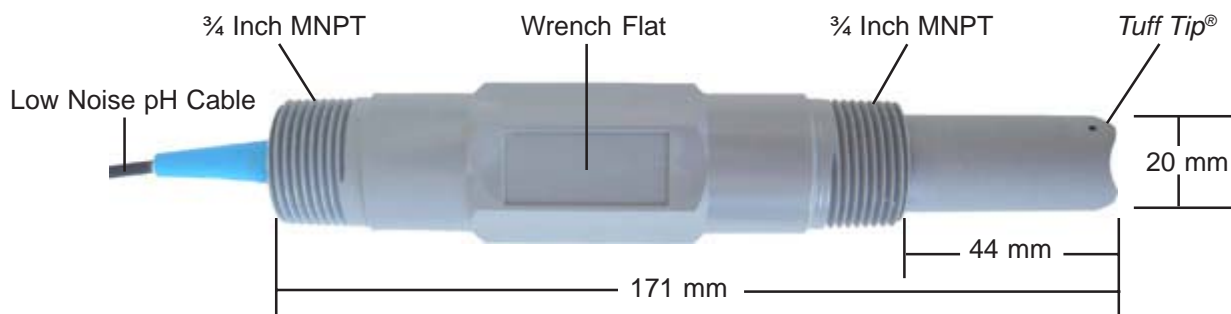
Model P822 Electrode

Low Cost Disposable *Tuff Tip*® Combination Electrode

This series of low cost electrodes are designed for reliable pH measurements either in-line or in submersible applications. The simplified construction, designed with the user in mind, does not require electrolyte replenishment or any component replacement. The sensor is housed in a molded, chemically resistant CPVC body with Viton® O-Rings. Complete encapsulation eliminates process intrusion. The sensor features a *Magna-Sens®* peripheral ceramic junction along with a *Tuff Tip*® guarded tip with self cleaning features. The *Magna-Sens* double junction provides a longer life in process solutions containing ammonia, chlorine, cyanides, sulfides, or other poisoning ions.

The P822 is available with integral temperature compensation and an optional 316 stainless steel solution ground.

Installation is easily achieved through a wide variety of mounting configurations. Featured are ¾ Inch (MNPT) front and rear facing process connections for submersion or flow through applications.

Features
• Disposable Design
• Rugged *Tuff Tip*® Guarded Electrode Tip
• Double Junction Reference
• *Magna-Sens*® Reference Junction
• Self Cleaning
• CPVC Housing
• Ten Foot Low Noise Cable
• Compatible With Most Analyzers
• ORP: Platinum Band or Gold Disc

Kynar is a Trademark of Pennwalt Corp.
Viton is a Trademark of E.I. du Pont de Nemours & Co.
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Magna-Sens is a Trademark of pHoenix Electrode Co.
Tuff Tip is a Trademark of pHoenix Electrode Co.

Specifications
pH Range: GX-2: 0-12 pH; GX-3: 0-14 pH
Temperature Rating: 0°C to 80°C
Maximum Pressure: 100 PSIG at 60°C
Wetted Materials: Glass & CPVC
Cable Length: 10 feet
Process Connections: ¾ Inch MNPT

Options
Stainless Steel or Kynar® Housings
BSP or Metric Threaded Ends
Additional Cable Lengths
Teflon® or Wood Reference Junctions
Integral Temperature Compensation