

## +GF+® Signet DryLoc® pH/ORP Electrodes Won't corrode

- Corrosion-resistant, gold-plated electrical contacts
- Enhanced chemical compatibility with Ryton® PPS electrode body
- Resists moisture and dirt intrusion
- Install at any angle, even horizontal



56561-10

56561-02

Flat-surface electrodes minimize abrasion and breakage problems by allowing sediment to sweep past the measurement surface. Bulb-style electrodes feature quick response and are well suited to general-purpose applications. HF-resistant electrodes resist hydrofluoric acid in concentration less than 2%. LC-bulb electrodes are designed for ultrapure, low-conductivity water applications.

DryLoc connectors or preamplifiers are required for initial installation. Order connectors and preamplifiers separately at right.

### Specifications

<b>Insertion depth:</b> Flat-surface electrodes: 1" (2.5 cm) Bulb electrodes: 1 3/8" (3.5 cm)	<b>Housing length:</b> Flat-surface electrodes: 4 5/16" (10.9 cm) Bulb electrodes: 4 11/16" (11.8 cm)
<b>Housing material:</b> Ryton PPS	<b>Maximum pressure:</b> 100 psi

Thread size	ATC element	Catalog number	Price
<b>Flat surface pH electrodes, 0 to 14 pH</b>			
3/4" NPT(M)	1 kΩ Pt RTD	<a href="#">GH-56561-00</a>	
	3 kΩ Balco	<a href="#">GH-56561-02</a>	
ISO 7-1 R3/4"	1 kΩ Pt RTD	<a href="#">GH-56561-01</a>	
	3 kΩ Balco	<a href="#">GH-56561-03</a>	
<b>Bulb pH electrodes, 0 to 14 pH</b>			
3/4" NPT(M)	1 kΩ Pt RTD	<a href="#">GH-56561-08</a>	
	3 kΩ Balco	<a href="#">GH-56561-10</a>	
ISO 7-1 R3/4"	1 kΩ Pt RTD	<a href="#">GH-56561-09</a>	
	3 kΩ Balco	<a href="#">GH-56561-11</a>	
<b>HF-resistant bulb pH electrodes, 0 to 14 pH</b>			
3/4" NPT(M)	1 kΩ Pt RTD	<a href="#">GH-56561-04</a>	
	3 kΩ Balco	<a href="#">GH-56561-06</a>	
ISO 7-1 R3/4"	1 kΩ Pt RTD	<a href="#">GH-56561-05</a>	
	3 kΩ Balco	<a href="#">GH-56561-07</a>	
<b>LC-bulb pH electrodes, 0 to 14 pH</b>			
3/4" NPT(M)	1 kΩ Pt RTD	<a href="#">GH-56561-12</a>	
	3 kΩ Balco	<a href="#">GH-56561-14</a>	
ISO 7-1 R3/4"	1 kΩ Pt RTD	<a href="#">GH-56561-13</a>	
	3 kΩ Balco	<a href="#">GH-56561-15</a>	
<b>Flat surface ORP electrodes, platinum band</b>			
3/4" NPT(M)	None	<a href="#">GH-56561-16</a>	
ISO 7-1 R3/4"	None	<a href="#">GH-56561-17</a>	

[GH-56560-05 DryLoc connector](#) for electrodes with 1 kΩ Pt RTD ATC element; 3/4" NPT submersion threads, 15-ft (4.5-m) cable  
[GH-56560-06 DryLoc connector](#) for electrodes with 1 kΩ Pt RTD ATC element; ISO 7-1 R3/4" submersion threads, 15-ft (4.5-m) cable  
[GH-56560-03 DryLoc preamplifier](#) for electrodes with 3 kΩ Balco ATC element; 3/4" NPT submersion threads, 15-ft (4.5-m) cable  
[GH-56560-04 DryLoc preamplifier](#) for electrodes with 3 kΩ Balco ATC element; ISO 7-1 R3/4" submersion threads, 15-ft (4.5-m) cable

## GLI In-Line or Submersible pH and ORP Electrodes Use in-line or submerge

All electrodes have five-wire, tinned-ends cable connections and threads on both ends of the electrode body. Electrodes are available as round glass bulb without temperature compensation or flat glass bulb with temperature compensation.

Liquid crystal polymer (LCP) body offers excellent chemical resistance and mechanical strength, making it ideal in aggressive process solutions. The PEEK body also offers good chemical compatibility, but has a smaller diameter than the LCP body. Choose the PPS body for most water and wastewater applications.

### Specifications

Temperature range: 23 to 203°F (-5 to 95°C)      Maximum pressure: 100 psi      ATC Connector: tinned ends

Description	Body material	Thread size	ATC element	Cable length	Catalog number	Price
Differential pH	LCP	1 1/2" NPT(M)	NTC 300 Ω thermistor	10 ft (3 m)	<a href="#">GH-27400-00</a>	
Differential ORP	LCP	1 1/2" NPT(M)	None	10 ft (3 m)	<a href="#">GH-27400-10</a>	
Differential pH	PEEK	1" NPT(M)	NTC 300 Ω thermistor	15 ft (4.6 m)	<a href="#">GH-27400-02</a>	
Combination pH, round glass bulb	PPS	3/4" NPT(M)	None	15 ft (4.6 m)	<a href="#">GH-27400-50</a>	
Combination pH, flat glass bulb	PPS	3/4" NPT(M)	100 Ω RTD	15 ft (4.6 m)	<a href="#">GH-27400-52</a>	

### Accessories

[GH-27400-22 Replacement standard cell solution](#) for PEEK differential electrode  
[GH-27400-23 Replacement salt bridge](#) for PEEK differential electrode

