



Cole-Parmer® Economy In-Line pH and ORP Electrodes

No more difficult installations

- One-piece design is easy to install
- Choose economical single-junction or rugged double-junction design
- Choice of ATC elements



Specifications

Thread size: ½" NPT(M)
Insertion depth: 1" (2.5 cm)
Housing length: 5" (12.7 cm)

Housing material: PVDF
Cable: 10 ft (3 m)
Maximum pressure: 100 psi

Application	Junction	Maximum temperature	ATC element	ATC connector	BNC connector		Tinned ends	
					Catalog number	Price	Catalog number	Price
In-line pH electrodes, 0 to 14 pH								
General purpose pH	Single	176°F (80°C)	None	None	GH-05993-90		GH-05993-17	
			100 Ω RTD	Mini-audio	GH-05993-70		GH-05993-07	
			100 Ω RTD	Tinned ends	GH-05993-79		GH-05993-09	
			1 kΩ RTD	Spade lugs	GH-05993-91		GH-05993-19	
Dirty, contamination pH	Double	212°F (100°C)	None	None	GH-27001-90		GH-05993-44	
			100 Ω RTD	Mini-audio	GH-27001-70		GH-05993-29	
			100 Ω RTD	Tinned ends	GH-27001-72		GH-05993-38	
			1 kΩ RTD	Spade lugs	GH-27001-91		GH-05993-48	
In-line ORP electrodes								
General purpose ORP	Single	176°F (80°C)	None	None	GH-05993-62		GH-05993-05	
Dirty ORP	Double	212°F (100°C)	None	None	GH-27001-62		GH-05993-23	

Cole-Parmer® Solution Grounded pH/ORP Electrodes

Minimize electrical interference with solution ground

- Get longer life with PTFE double junctions
- Ideal for harsh conditions

General-Purpose Electrodes have low-resistance glass with a very fast and stable response. Designed for minimal salt applications.

High-Salt Application Electrodes are designed for continuous long-term use at high temperatures in strong alkaline solutions above pH 11. Negligible salt ion error may be expected above pH 13. Response time will increase as solution temperature rises due to higher glass impedance.

Platinum-Band and Gold-Band ORP Electrodes have a metal-band sensor for oxidation reduction potential measurements.

Specifications

Thread size: ¾" NPT(M) Housing length: 5.9" (15 cm) Cable: 10 ft (3 m), with BNC pH connector
Insertion depth: 0.9" (2.3 cm) Housing material: PPS Maximum pressure: 100 psi

ATC element	ATC connector	Temperature range	Catalog number	Price
Insertion/submersion, general-purpose pH electrodes, 0 to 14 pH				
None	None	32 to 212°F (0 to 100°C)	GH-27018-00	
100 Ω RTD	Mini-audio plug		GH-27018-02	
100 Ω RTD	Tinned ends		GH-27018-03	
Insertion/submersion, high-salt application pH electrodes, pH over 11				
None	None	32 to 275°F (0 to 135°C)	GH-27018-20	
100 Ω RTD	Mini-audio plug		GH-27018-22	
100 Ω RTD	Tinned ends		GH-27018-23	
1 kΩ RTD	Spade lugs		GH-27018-24	
Insertion/submersion, platinum-band ORP electrode				
None	None	32 to 266°F (0 to 130°C)	GH-27018-40	
Insertion/submersion, gold-band ORP electrode				
None	None	32 to 266°F (0 to 130°C)	GH-27018-50	



General-purpose electrode
27018-00



High-salt electrode
27018-20



Platinum-band electrode
27018-40



Platinum-band ORP electrode
27018-40