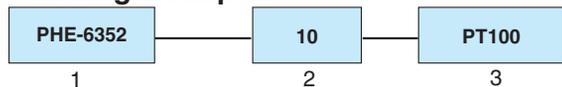




## Industrial Electrodes

### How to Order

#### Ordering Example:



- 1) **Electrode model number**
- 2) **Cable length:**  
Standard cable length in feet shown in model number. For non-standard length, add \$1 per foot. Maximum 15.2 m (50').
- 3) **Temperature Compensation** (if required)  
See chart for available types.  
**Termination for temperature compensator:**  
Spade lugs standard
- 4) **Standard connector:** BNC. Stripped leads available; add suffix "ST"



### ATC Information

Temperature Compensator	Add to Model Number	Used With
100 Ω Platinum RTD	PT100	PHCN-37 PHCN-674
1000 Ω Platinum RTD	PT1K	DP24-PH PHTX-014
700 series Thermistor	TH700	PHTX-11
3000 Ω resistive sensor	R3K	—

*Note: pH electrodes are designed to be mounted vertically. They should not be mounted less than 15° from horizontal, unless noted.*

## Submersible Disposable Electrodes

Submersible Disposable Electrodes are combination electrodes that are permanently potted into a 36" pipe. Ideally suited for measuring pH in drums, tanks and open streams, the electrode features an annular ceramic reference junction and is supplied with 3 m (10') cable with BNC connector.

PHE-6351-10  
**\$114**  
Basic Unit



**MOST POPULAR MODELS HIGHLIGHTED!**

Model No.	Length (in.)	Dia. (in.)	Body Mat'l	pH Range	Temp. °C (°F)	R MΩ at 25°C	Description	Price	Price w/ATC*
PHE-6351-10	36	1 1/8	ABS Pipe	0 to 13	0 to 80 (32 to 176)	50	ABS body general purpose	\$114	\$155
PHE-6352-10	36	1 1/8	ABS Pipe	0 to 14	0 to 80 (32 to 176)	200	ABS body high pH	114	155
PHE-6451-10	36	1 1/8	ABS Pipe	0 to 13	0 to 80 (32 to 176)	50	ABS body double junction	134	176
PHE-6452-10	36	1 1/8	ABS Pipe	0 to 14	0 to 80 (32 to 176)	200	ABS body dbl. junction high pH	134	176

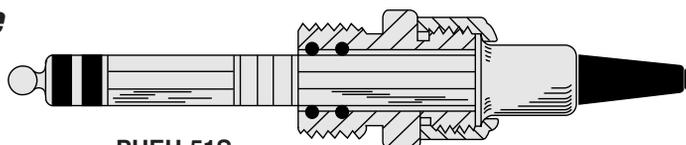
\* To order an electrode with automatic temperature compensation, see "ATC Information" chart on top of page. Comes with instruction sheet.

Ordering Example: PHE-6352-10-PT100 indicates an electrode with ATC, 100 Ω Platinum RTD, \$155

PHE-5431-10  
**\$140**  
Basic Unit

## High Temperature Insertion Type Electrode

The High Temperature Insertion Type Electrode is designed for periodic exposure to steam sterilization or continuous high temperature. It features a porous PTFE liquid junction. Installation requires a PHEH-51S mounting gland which is pressure rated to 500 psi at 100°C. 3 m (10') cable length and BNC connector are standard.



**PHEH-51S**  
316SS—3/4" MNPT Mounting Glands \$100  
10 ft cable length and BNC connector are standard

Model No.	Length (in.)	Dia. (mm)	pH Range	Temp. °C (°F)	Reference Type	Body Material	R(MΩ) at 25°C	Application	Price	Price w/ATC*
PHE-5431-10	5	12	0 to 14	-5 to 135 (23 to 275)	Ag/AgCl Double	Polyether Sulfone	150	General purpose steam sterilization	\$145	\$185
ORE-5431-10	5	12		-5 to 135 (23 to 275)	Ag/AgCl Double	Polyether Sulfone		ORP (Redox) platinum	185	—

\* To order an electrode with automatic temperature compensation, see "ATC Information" chart on top of page. Comes with instruction sheet.

Ordering Example: PHE-5431-10-PT100 indicates an electrode with ATC, 100 Ω Platinum RTD, \$185.

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