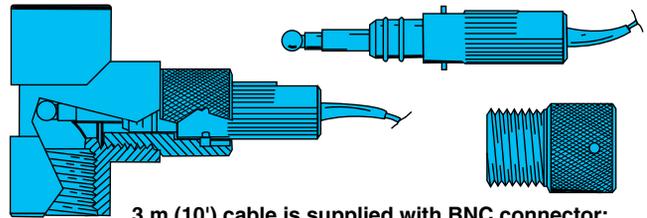




## Industrial Electrodes

### Twist Lock Industrial Electrodes and Adaptors

Specially designed to withstand harsh industrial environments, the twist lock-style combination electrode features a non-fouling annular ceramic junction and an electrode housing of PVDF construction with 316SS locking pins. Dual "O" rings (1 EPR, 1 FKM) are supplied to prevent process contact with potting epoxy. A choice of PVC or PVDF adaptors is available with 3/4 or 1 NPT threading.



3 m (10') cable is supplied with BNC connector; withstands pressure up to 150 psi.



### Electrodes

Model No.	pH Range	Temp °C (°F)	R MΩ at 25°C (77°F)	Notes
PHE-5321-10	0 to 13	-5 to 110 (23 to 230)	50	General purpose
PHE-5421-10	0 to 13	-5 to 110 (23 to 230)	50	Double junction
PHE-5322-10	0 to 14	0 to 110 (32 to 230)	200	High pH
ORE-5421-10	ORP Platinum	-5 to 110 (23 to 230)	—	ORP general purpose Pt
ORE-5329-10	ORP Gold	-5 to 110 (23 to 230)	—	ORP with cyanide present Av

### Pipe Tees

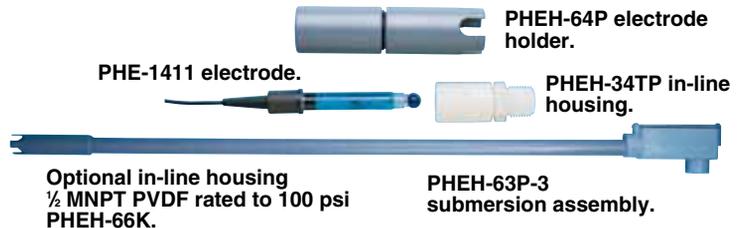
Model No.	Fitting	Material	Maximum Temperature
PHEH-34TP	3/4 MNPT	CPVC	66°C (151°F)
PHEH-1TP	1 MNPT	CPVC	66°C (151°F)
PHEH-34TK	3/4 MNPT	PVDF	110°C (230°F)
PHEH-1TK	1 MNPT	PVDF	110°C (230°F)

### Twist Lock Adaptors

Model No.	Fitting	Material	Maximum Temperature
PHEH-34AP	3/4 MNPT	CPVC	66°C (151°F)
PHEH-1AP	1 MNPT	CPVC	66°C (151°F)
PHEH-34AK	3/4 MNPT	PVDF	110°C (230°F)
PHEH-1AK	1 MNPT	PVDF	110°C (230°F)

### Rebuildable Submersible Electrode Assemblies

OMEGA® Submersible Electrode Assemblies are intended for use in industrial and process ORP/pH measurement applications. For versatility, modular construction allows quick removal of the sealed combination electrode and easy mounting onto 3/4" pipe. The CPVC or PVDF housings permit use in hostile environments. The electrodes utilize annular non-fouling reference junctions.



### Electrodes

Model No.	Length mm (inch)	Dia mm (inch)	pH Range	Temp °C (°F)	R MΩ at 25°C (77°F)	Notes
PHE-6361-3	80 (3.13)	12 (0.47)	0 to 13	-5 to 100 (23 to 212)	50	General purpose
PHE-6362-3	80 (3.13)	12 (0.47)	0 to 14	0 to 110 (32 to 230)	200	High pH
PHE-6461-3	80 (3.13)	12 (0.47)	0 to 13	-5 to 100 (23 to 212)	50	Double junction
PHE-6462-3	80 (3.13)	12 (0.47)	0 to 14	0 to 110 (32 to 230)	200	Double junction high pH
ORE-6361-3	80 (3.13)	12 (0.47)	ORP Pt	-5 to 110 (23 to 230)	—	ORP general purpose Pt
ORE-6461-3	80 (3.13)	12 (0.47)	ORP Pt	-5 to 110 (23 to 230)	—	ORP double junction Pt
ORE-6469-3	80 (3.13)	12 (0.47)	ORP Gold	-5 to 110 (23 to 230)	—	ORP double junction for application with cyanide (Au)

\* Specify type of temperature compensation. Visit [omega.com](http://omega.com). Order electrode and housing separately.

### Submersion Assemblies

Model No.	Length	Dia.	Material	Temp °C (°F)
PHEH-63P-3	3'	3/4"	CPVC	-5 to 80 (23 to 186)
PHEH-63K-3	3'	3/4"	PVDF	-5 to 110 (23 to 230)

Comes complete with instruction sheet.  
Ordering Example: PHE-6361-3, electrode.

### Replacement Electrode Holders

Model No.	Material	Temp °C
PHEH-64P	CPVC	-5 to 80
PHEH-64K	PVDF	-5 to 110