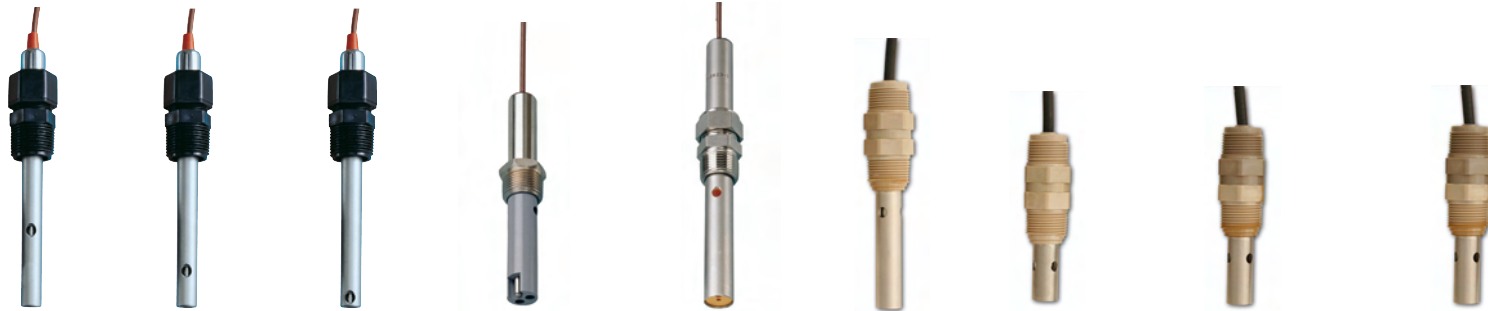


Signet Conductivity/Resistivity Electrode Specification Matrix - Table 6

This section provides the reader with an easy to read overview of the various products that make up our analytical measurement family. For further details, see the individual catalog pages for each product.



	2819	2820	2821	2822	2823	2839	2840	2841	2842	
Cell constant	0.01	0.1	1.0	10.0	20.0	0.01	0.1	1.0	10.0	
Operating range	0.055 μ S to 100 μ S (18.3 M Ω to 10 K Ω)	1 μ S to 1000 μ S (1 M Ω to 1 K Ω)	10 μ S to 10,000 μ S	100 μ S to 200,000 μ S	200 μ S to 400,000 μ S	0.010 μ S to 100 μ S (100 M Ω to 10 K Ω)	1 μ S to 100 μ S	10 μ S to 10,000 μ S	100 μ S to 200,000 μ S	
Compatible Sensor Electronics	2850									
Temperature Element	PT-1000	PT-1000	PT-1000	PT-1000	PT-1000	PT-1000	PT-1000	PT-1000	PT-1000	
Operating Temperature/Pressure	13.8 bar (200 psi) max., 120°C (248°F) max. (with optional 316 SS fitting)			6.9 bar (100 psi) @ 95°C (203°F)	6.9 bar (100 psi) @ 150°C (302°F)	-10°C to 85°C @ 6.9 bar (14°F to 185°F @ 100 psi)				
Process Connection	3/4 in. NPT					3/4 in. NPT or ISO 7/1-R 3/4				
Wetted Materials	body	316SS or titanium		CPVC	316SS	316SS				
	O-rings	EDPM					FPM			
	Other	PTFE		316SS	PTFE	CPVC, PEEK™				
Compatible Signet Instruments	8850, 8860, 5800, 2850/8900, 5900 (for .10 and .20 cell)									
Applications Usage	R.O., Ultrapure water, resistivity measurements	R.O., Deionized and distilled water	R.O., Distilled & drinking water, cooling tower water	R.O., Cooling tower water, waste water, salinity, brackish water, sea water	R.O., Salinity, brackish water, sea water, acids/bases, cleaners other concentrated chemicals	R.O., Ultrapure water, resistivity measurements	R.O., Deionized and distilled water	R.O., Distilled water, condensate, drinking water, cooling tower water	R.O., Cooling tower water, wastewater, salinity, brackish water, sea water	
Standards and Approvals	CE, Manufactured under ISO 9001 and ISO 14001									

Signet Analytical Instrument Specification Matrix - Table 8

This section provides the reader with an easy to read overview of the various products that make up our Analytical Product family. For further details, see the individual catalog pages for each product.



	5700	8750	5800CR	5900	8850	8860	8250	8350	8450	8900
Description	pH/ORP Monitor	pH/ORP Transmitter	Cond./Resist. Monitor	Salinity Monitor	Cond./Resist. Transmitter	Dual-channel Cond./Resist. Controller	Level Transmitter	Temperature Transmitter	Pressure Transmitter	Multi-Channel, Multi-Parameter Controller
Modular Components	No									Yes
Max. Total Sensor Inputs	1				2				6	
Mounting Options	Panel	Panel, Wall, Pipe, Tank, Integral	Panel	Panel, Wall, Pipe, Tank, Integral	Panel	Panel, Wall, Pipe, Tank, Integral				Panel
Display	Analog dial and LCD	LCD	Analog dial and LCD		LCD					LCD or Vacuum Fluorescent
Analog Output Types	(1) 4 to 20 mA, non-isolated	(2) 4 to 20 mA, isolated	(1) 4 to 20 mA, non-isolated	(2) 4 to 20 mA, isolated	(3) 4 to 20 mA, isolated	(2) 4 to 20 mA, isolated	(2) 4 to 20 mA, isolated	(2) 4 to 20 mA, isolated	(4) 4 to 20 mA or voltage*	
Max. Total Relays	2				4		2			8*
Derived Measurements	None				% Rejection, Difference, Ratio		None			Sum, Difference, % Recovery, % Reject, % Passage, Ratio, Power (BTU)*
Languages	English									English, French, German, Spanish, Italian, and Portuguese
Operating Temperature (°C)	-10°C to 55°C (14°F to 131°F)	-10°C to 70°C (14°F to 158°F)	-10°C to 55°C (14°F to 131°F)	-10°C to 70°C (14°F to 158°F)	-10°C to 55°C (14°F to 131°F)	-10°C to 70°C (14°F to 158°F)				LCD: -10°C to 55°C (14°F to 131°F) VFD: -10°C to 50°C (14°F to 122°F)
Power Requirements	12 to 24 VDC or VAC	12 to 24 VDC	12 to 24 VDC or VAC	12 to 24 VDC	100 to 240 VAC 12 to 24 VDC	12 to 24 VDC				110 to 240 VAC 12 to 24 VDC 50/60 Hz
Standards, Approvals, and Ratings	CE, UL, NEMA 4X/IP65 (front)									

*See individual product page for more information.