

Signet pH/ORP Electrode Specification Matrix



		2756 Wet-Tap	2757 Wet-Tap	2724 2726	2725
Operation Range		0 to 14 pH	±2000 mV	0 to 14 pH	±2,000 mV
Connector Style		DryLoc®			
Compatible Preamps/Sensor Electronics		2750 Sensor Electronics and 2760 Sensor Preamplifiers			
Temperature Range		0 °C to 85 °C (32 °F to 185 °F)		-10 °C to 85 °C (14 °F to 185 °F)	
Pressure Range		6.89 bar (100 psi)		6.8 bar @ -10 to 65 °C (100 psi @ 14 to 150 °F) 4 bar @ 65 to 85 °C (58 psi @ 150 to 185 °F)	
Pipe Size Range for In-line		2½ in. to 12 in.		2724-2727 pipe size range ½ in. to 4 in. Signet fittings or a variety of ¾ in. fittings	
Process Connection for Submersible		N/A		¾ in. NPT threads or ISO 7-1/R 3/4 in. (using threads from submersible 2750, or 2760)	
Wetted Materials	Body	Glass or Plastic		Ryton® (PPS)	
	Reference Junction Material	PTFE		Porous UHMW Polyethylene	
	O-Rings	FPM			
	Sensing Element	Glass (pH) or Platinum (ORP)			
Mounting Position		Any angle, even upside down			
Sensor Technology		Standard			
Compatible Signet Instruments		8750, 8900, 9900			
Application Usage		General purpose; sensor accessible without process shutdown		General purpose; also options available for use in HF (< 2%) and low conductivity liquids (<100 µS)	
Standards and Approvals		Manufactured under ISO 9001 for Quality, ISO 14001 for Environmental Management and OHSAS 18001 for Occupational Health and Safety			



2764 2766	2765 2767	2774 2776	2775 2777
0 to 14 pH	±1,500 mV	0 to 14 pH	±2,000 mV
DryLoc®			
2750 Sensor Electronics and 2760 Sensor Preamplifiers			
0 °C to 95 °C (23 °F to 203 °F)		0 °C to 85 °C (32 °F to 185 °F)	
6.89 bar @ 95 °C (100 psi @ 203 °F)		6.9 bar (100 psi) maximum	
1 in. and up		¾ in. and up	
¾ in. NPT threads or ISO 7-1/R 3/4 in. (using threads from 2750, or 2760)			
Ryton® (PPS)			
PTFE			
FPM			
Glass (pH) or Platinum (ORP)			
Any angle, even upside down (angle for 2764 and 2766 is minimum +15° from horizontal)			
Differential		Standard	
8750, 8900, 9900			
Harsh Chemicals (heavy metals, Hg ⁺⁺ , Cu ⁺ , Pb ⁺⁺ , ClO ₄ ⁻ , Br ⁻ , I ⁻ , CN ⁻ , S ₂ ⁻ and other chemicals that react with Ag ⁺ or KCl.)		General purpose; options for higher temperatures are available, 110 °C (230 °F) @ 150 PSI	
Manufactured under ISO 9001 for Quality, ISO 14001 for Environmental Management and OHSAS 18001 for Occupational Health and Safety			