

# Signet 2750 DryLoc® pH/ORP Sensor Electronics



## Features

- In-line integral mount and submersible installation versions
- Automatic temperature compensation
- Auto configuration for pH or ORP operation
- Optional EasyCal calibration aid with automatic buffer recognition
- Junction boxes for convenient wiring

## Description

The Signet 2750 pH/ORP Sensor Electronics featuring the DryLoc® connector, provides a variety of functions to suit various requirements.

The 2750 has a preamplified signal and features two different outputs: a two-wire 4 to 20 mA loop output with EasyCal function or a digital (S<sup>3</sup>L) output which allows for longer cable lengths and is compatible with the Signet 8900 Multi-Parameter Controller.

The 2750 self-configures for pH or ORP operation via automatic recognition of the electrode type. The optional EasyCal feature allows simple push-button calibration and includes an LED indicator for visual feedback.

The DryLoc® electrode connector quickly forms a robust assembly for submersible and in-line installations. NEMA 4X junction enclosures are integral parts of the 2750 in-line version and are also available as accessories for the submersible 2750.

The 2750 submersible preamplifier can also be used as an In-line preamplifier when used with the 3/4" or 1" threaded sensors including the 2724, 2774 and 2764 series electrodes. The 2750 In-line preamplifier can be used with Signet fittings up to DN100 (4 in.) and wet-tap assemblies.

## Applications

- Water/Wastewater Treatment
- Neutralization Systems
- Scrubber Control
- Effluent Monitoring
- Surface Finishing
- Flocculent Coagulation
- Heavy Metal Removal and Recovery
- Toxics Destruction
- Sanitization Systems
- Pool & Spa Control
- Aquatic Animal Life Support Systems

## System Overview

In-Line Installation		Submersible Installation	Wet-Tap Installation
<b>Panel Mount</b> Signet 8900 Multi-Parameter Controller (sold separately) 	<b>4 to 20 mA Input</b> Chart Recorder OR Programmable Logic Controller 	<b>Panel Mount</b> Signet 8900 Multi-Parameter Controller (sold separately) 	<b>4 to 20 mA Input</b> Chart Recorder OR Programmable Logic Controller 
<b>Signet 2750 Sensor Electronics</b> 	Signet Universal junction box (3-8050-2) EasyCal (sold separately) Signet 2750 Sensor Electronics 	Pipe extension or conduit with 3/4 in. NPT or ISO 7/1-R 3/4 threads (customer supplied) 	<b>Signet 2750 Sensor Electronics</b> with Signet Wet-Tap Electrode 2756, 2757 (each sold separately) 
DryLoc® pH/ORP Electrodes 2724-2726, 2764-2767, 2774-2777 (sold separately) 		<b>Signet 2750 Sensor Electronics</b> 	Signet 3719 Wet-Tap (sold separately) 
2724-2726 DryLoc® Electrodes: Use GF Fittings* or 3/4 in. NPT fittings (customer supplied) 2764-2767 and 2774-2777 DryLoc® Electrodes: Use 3/4 in. or 1 in. NPT fittings (customer supplied)		DryLoc® pH/ORP Electrodes 2724-2726, 2764-2767, 2774-2777 (sold separately) 	GF PP Clamp-On Saddles for 3719 Wet-Tap or GF Tees and Fittings (sold separately) see model 3719 for more info 



\*See Fittings section for more information.





