

# Series 3S Multi-Wire Suspended Fittings

- ▶ Probe Isolation
- ▶ Long Length

The 3S series electrode fitting is designed to provide isolation of electrodes from liquids containing solids, grease, soaps, sludge, rags, paper and other debris commonly found in wastewater and sewage pumping applications.

Isolation is accomplished by enclosing wire suspended electrodes within a 1-1/2" galvanized pipe assembly with a neoprene flexible bulb installed on the lower end of the pipe. The bulb and pipe assemblies contain 3-1/2 quarts clean water with one ounce of sodium bicarbonate (baking soda).

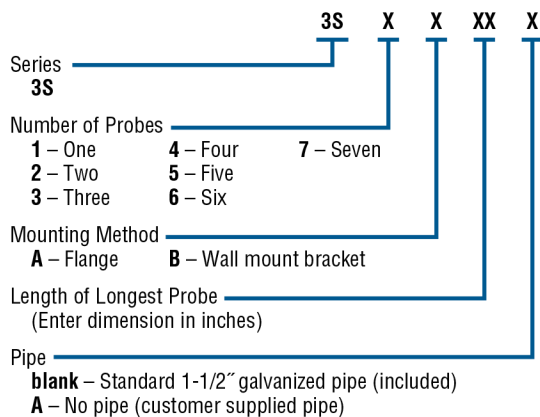
When mounted in a sump, the pipe and bulb assembly is acted on by the hydrostatic pressure exerted by the liquid outside the bulb. Assuming the density of the liquid outside is equal to water, the height of the water inside the bulb will equal the height outside.

## Specifications

<b>Probes</b>	1 thru 7
<b>Materials of Construction</b>	Cast iron, galvanized pipe, stainless steel, neoprene
<b>Type of Connection</b>	3" flange (7-1/2" O.D.), or bracket
<b>Terminal Housing</b>	Die-cast aluminum, epoxy coated
<b>Pressure</b>	Atmosphere
<b>Temperature</b>	-40°F to +212°F (-40°C to +100°F)

## How to Order

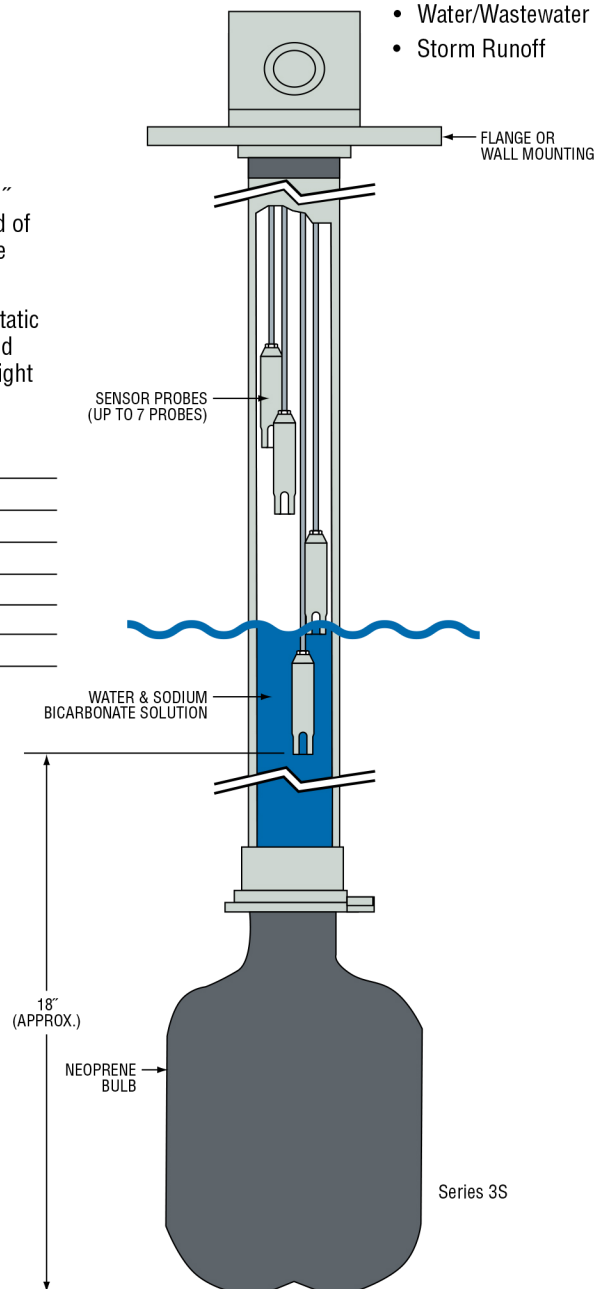
Use the **Bold** characters from the chart below to construct a product code.



Note:  
Overall length is approximately 18" more than distance to longest electrode.  
Probe is adjusted by customer in the field.

## Applications

- Sewage
- Water/Wastewater
- Storm Runoff



WARRICK CONDUCTIVITY SENSORS