Specifications

Wetted Materials:

pH Sensor: Epoxy Body, Reference:Double Junction Flow Cell: transparency Acryl Chamber Inlet/Outlet Ports: PT1/8 Reference System: KNO3 Response Time:

95% of signal in 10 seconds

Drift:

Less than 0.02 pH /week @ 0.5 $\mu S/cm$ @ 25°C

Process Conductivity:

less than 100 µS/cm

Temperature Specifications: Range: 2 – 75 °C (36 – 167 °F) Optimum: 25 °C (77 °F) Temperature Compensation: PT100 RTD or PT1000 RTD Flow Specifications: Range: 50 – 250 ml/min Optimum: 150 ml/min Pressure: Range: Constant, not to exceed 50 psig (344 KPag) Optimum: Constant in range Cable Connection: PG13.5 S8 Connector

The Low Flow Stainless Steel Flow Cell is electrically isolated from the process equipment via the PVC mounting plate. The design of the flow cell reduces particulate and air accumulation. This mounting configuration insures against electrostatic noise and dissipation of sample stream potential.

The **Inlet Port** located at the bottom of the flow cell should be connected to a properly designed sample stream conditioning system that provides controlled pressure, flow and temperature. All three parameters should be constant and within ASTM³ and EPRI^k Guidelines.



TOP S8 Quick Disconnect Connector: enables user to change sensor as required without re-wiring the sensor cable to the transmitter or analyzer

The **Purity water HPWpH Sensor** offers the user low maintenance and easy replacement;simply unthread the used sensor and screw in the new sensor.

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