



Digital Fluid Temperature Sensor

Instructions For Installing The Digital Fluid Temperature Sensor

The Digital Fluid Temperature Sensor is a digital sensor designed to monitor the temperature of a specific location. It specifically designed for use in monitoring the temperature of fluids in extreme environments such as labs, aquariums, refrigeration devices or other locations where fluid temperature must be monitored and/or regulated. When used with AVTECH's Room Alert and/or TemPageR environment monitors, the Digital Fluid Temperature Sensor will feed temperature data back to the ID box in real-time for data logging, graphing, alerting and automatic corrective action.

Mount the Digital Fluid Temperature Sensor where desired and run the sensor cable back to the ID Box. Plug the RJ-11 end of the sensor cable into an available RJ-11 port on the front any Room Alert or TemPageR monitor.



The Digital Fluid Temperature Sensor is installed by inserting the RJ-11 end of the sensor cable into an available RJ-11 port on the front of the TemPageR or Room Alert ID Box.

If desired, the sensor cable for the Digital Fluid Temperature Sensor can be extended beyond the default 25' length. The maximum supported extension length is 100' and the cable that is used for the extension must be 'straight through'. AVTECH recommends using the AVTECH 25' Extension Cable & Coupler. Be sure to connect the wires in the exact configuration they were in before extension if manufacturing your own cables. The Digital Fluid Temperature Sensor provided is 'Volt-Free'.

IMPORTANT SAFETY NOTICE

The Screw Connectors On The Sensor ID Boxes Are Volt-Free Contacts Only. Do Not Connect These Terminals To Any Live Circuit. A Qualified Electrician Should Be Consulted To Test Any Wires You Connect To The Room Alert ID Box For The Presence Of Electrical Voltages And If Any Are Detected, They Must Not Be Wired To The ID Box. The ID Box May Become Dangerous If You Connect It To A Live Circuit. Never Connect Main Power To Any Of The Room Alert Sensors Unless Specifically Instructed To Do So Using The AVTECH Software 5V Power Adapter. If Required, An AVTECH Software 5V Power Adapter Will Be Included With That Sensor. DO NOT Use Switch Sensors In 'Explosive' Environments Unless Approved For Those Environments.