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ENVIROMUX-ULT

Ultrasonic Level Transmitter

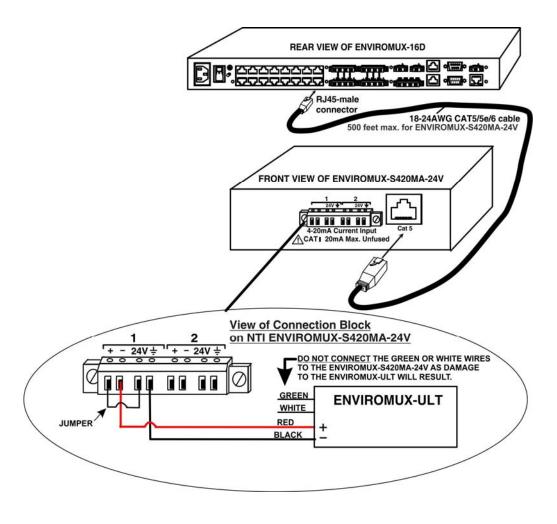
Guide for Installation with an ENVIROMUX Server Environment Monitoring System

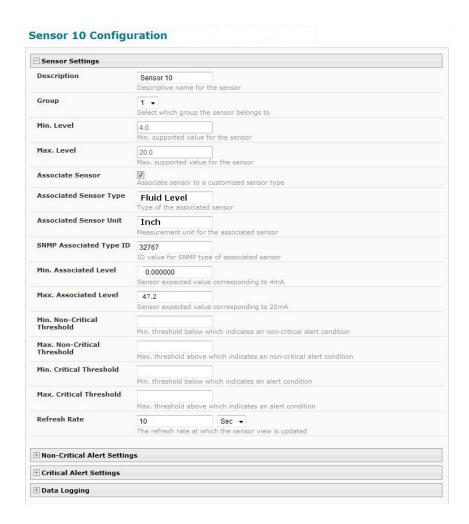


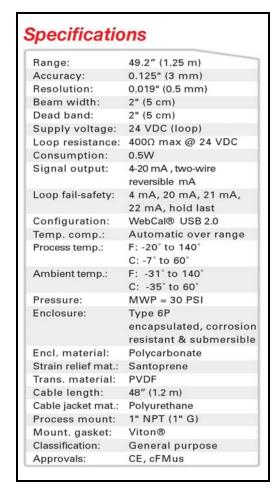
ENVIROMUX-ULT is a general purpose non-contact ultrasonic level switch, controller and transmitter for small tanks (49.2" (1.25 m) or smaller) or feed applications integrating process or control automation of small tanks mounted on tools, skids or machines. The rugged PVDF enclosure is well suited for a wide range of corrosive, waste or slurry type media. The ENVIROMUX-ULT can be used for atmospheric day tank, process vessel or dispenser, pump lift station and waste sump applications to name a few. Level indication can be monitored via connection to an NTI Server Environment Monitoring System.

The ENVIROMUX-ULT may be connected to the terminal block of an NTI ENVIROMUX-S420MA-24V 4-20mA Sensor Converter. The ENVIROMUX-S420MA-24V can then be connected to an RJ45 Sensor port on an ENVIROMUX-2D, ENVIROMUX-5D, or ENVIROMUX-16D Server Environment Monitoring System (SYSTEM). Using a SYSTEM, the ENVIROMUX-ULT can be monitored automatically and the SYSTEM can be configured to alert users of variations in levels sensed by the ENVIROMUX-ULT.

Follow the wiring diagram below to connect the ENVIROMUX-ULT to a 4-20MA Sensor Converter and then configure the SYSTEM to provide users with alert messages as defined in the sensor configuration within the SYSTEM. An example of that configuration can be found on page 2.







(Example of possible ENVIROMUX-ULT sensor configuration in the ENVIROMUX-16D)

In the above example, we assume the tank used has the sensor mounted 49.2" from the bottom of the tank. With a 2" dead band, the maximum fluid level ("maximum associated level") would be 47.2". Therefore a 20mA output from the sensor would be equal to a full tank. An empty tank ("minimum associated level") would be equal to a 4mA output.

For instruction on mounting and configuring the ENVIROMUX-ULT, refer to the manual packaged with the unit.

WARRANTY INFORMATION

The warranty period on this product (parts and labor) is two (2) years from the date of purchase. Please contact Network Technologies Inc at **(800) 742-8324** (800-RGB-TECH) or **(330) 562-7070** or visit our website at http://www.networktechinc.com for information regarding repairs and/or returns. A return authorization number is required for all repairs/returns.

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