

View Sensor Value, Name/Location, Unit of Measurement, and Alert Status for Any/All Sensors Connected to E-2D/5D/16D



E-PLSD – LEDs Turn Green for Normal Status



E-PLSD – LEDs Turn Red for Alarm Status

- Displays the data from any or all NTI ENVIROMUX® sensors configured on an E-2D/5D/16D, including cascaded units – internal sensors, external sensors, digital inputs, output relays, IP devices, SNMP sensors, power supplies, events, and smart alerts.
- 14-segment LED characters.
 - LED display window dimensions WxH: 7.62x3.09 in (194x79 mm)
 - Five characters for sensor value reading.
 - ◆ Character dimensions WxH: 1.09x2.02 in (28x51 mm)
 - Fourteen characters for displaying sensor name/location.
 - ◆ Customizable through the E-2D/5D/16D web interface.
 - ◆ Character dimensions WxH: 0.37x0.68 in (9x17 mm)
 - Three characters for indicating unit of measure for the sensor value being displayed.
 - ◆ Character dimensions WxH: 0.37x0.68 in (9x17 mm)
 - The LED display characters will be green when sensor status is normal, yellow when a sensor is in non-critical alert (warning), and red when in critical alert status (alarm).
- Touch-sensitive buttons.
 - Use the “SENSOR” button to manually go to the next sensor to be displayed.
 - It stops auto-scan for 30 seconds, and then resumes auto-scan.
 - “BRIGHTNESS” adjusts the LED intensity/color.
 - “MODE” switches C to F for temperature sensors.
- One female RJ45 port for connecting an E-TRHM-7 Temperature/Humidity Sensor.
 - E-TRHM-7 Sensor can be extended up to 500 feet from E-PLSD using 24 AWG CAT5/5e/6 cable.
 - Applications from -4 to 140°F (-20 to 60°C) and 0 to 90% relative humidity.
 - Temperature accuracy:
 - ◆ ±0.90°F (±0.50°C) for -4 to 14°F (-20 to -10°C).
 - ◆ ±0.72°F (±0.40°C) for 14 to 140°F (-10 to 60°C).
 - Humidity accuracy (at 86°F/30°C):
 - ◆ 10 to 80% relative humidity, ±3%
 - ◆ 80 to 90% relative humidity, ±4%
- Configure/program the LED display using the E-2D/5D/16D web interface.
 - Drag and drop feature for user to select desired sensors to be shown on the LED display.
 - ◆ Allows user to set sensor order to be displayed.
 - User-selectable display duration for each sensor (in seconds) before it switches to the next sensor status being displayed (AKA “Scanning”)
 - ◆ Default: 10 seconds
 - Enable sensors in warning/alarm status to be the only ones displayed/rotated.
 - ◆ Will rotate/scan the sensors in normal status once all sensors in warning/alarm have been cleared.
 - Sensor configuration pages feature sensor nickname field – nickname is shared with any/all LED displays.
 - ◆ Nickname supports 14 characters, that way sensor name does not scroll.
 - ◆ If no nickname is entered, the LED Display will use the description, which will scroll if longer than 14 characters.
 - User-selectable scrolling time. (Default: 300ms per character)
- Compatible with E-2D/5D/16D.
 - Interfaces with the E-2D/5D/16D via the RJ45 sensor port.
 - ◆ Compatible with E-RJ8-RS485 RJ45 RS485 Sensor Port Hub
 - Supports CAT5/5e/6/6a cable (24 AWG) up to 1000 feet (305 m) (not included).
- Powered by 24VDC 1.5A external power supply (included).
 - Typical Load: 24V @ 50 to 150mA
 - Maximum Load: 24V @ 1.0A
- Communication type: RS485
- Wall mountable.
- Dimensions WxDxH: 9.96x1.08x6.72 in (253x28x170 mm).
- Operating and storage temperature: -4 to 140°F (-20 to 60°C)
- Operating/storage relative humidity: 10 to 90% non-condensing RH.
- Regulatory approvals:
 - CE, RoHS.
 - TAA compliant.
- Compatible with E-SER-2FOxMxx Fiber Converter/Extender.
 - Use to extend sensor up to 1.2 miles (2km) from the ENVIROMUX unit.

Programmable LED Sensor Display

View Sensor Value, Name/Location, Unit of Measurement, and Alert Status for Any/All Sensors Connected to E-2D/5D/16D

