## Sensor Accessories

## Programmable LED Sensor Display

## Programmable LED Sensor Display



E-PLSD

- View sensor value, name/location, unit of measurement, and alert status for any/ all sensors connected to E-2D/5D/16D. 14-segment LED characters.
- Green characters for normal status, yellow for non-critical alert (warning), and red when in critical alert status (alarm).
- Configure/program the LED display using the E-2D/5D/16D web interface.
  - One female RJ45 port for connecting a temperature/humidity sensor.

## RJ45 RS485 Sensor Expander

## **RJ45 RS485 Sensor Port Hub**



E-RJ8-RS485

- Adds eight RJ45 RS485 sensors to the E-2D, E-5D, or E-16D.
- Each E-16D supports up to three E-RJ8-RS485.
- Each E-5D supports up to two E-RJ8-RS485.

Adds 16 digital inputs and 16 digital

16 screw terminal pairs for

connecting dry contact devices

Voltage range: 0 to +36VDC

normally-open relay contact outputs to

Each E-2D supports one E-RJ8-RS485.

## Digital I/O Expander (Normally-Open Relay Contact Outputs)

the E-2D/5D/16D

Digital inputs:

16 screw terminal pairs for normally-open relay contact outputs

Rated switching load: 0.5A @ 125 VAC, 1.0A @ ±30VDC



E-DI16D016

- Adds 16 digital inputs and 16 digital open-collector outputs to the E-2D/5D/16D Digital inputs:
  - 16 screw terminal pairs for connecting dry contact devices
  - Voltage range: 0 to +36VDC .
- Digital outputs: • 16 screw terminal pairs for open-collector outputs

**Digital Input/Output Expanders** 

Rated sink current: 500 mA per output

**Digital I/O Expander (Open-Collector Outputs)** 

- +5VDC, 22kΩ pull-ups
- Voltage range: 0 to +24VDC
- Controllable via SNMP

## 4-20mA & 5VDC Sensor Converters

### 4-20mA Sensor Converter



- External RJ45 device monitors up to two 4-20 mA analog sensors
- Supports ISA Type 2, ISA Type 3, and ISA Type 4 sensors
- Provides 24VDC, 25mA for each sensor

## Fiber Converter/Extender

## RS485/RS232/RS422 to Fiber Converter/Extender



E-SER-2FOMMSC

singlemode or multimode fiber cables. E-SER-2FOSMST: Using a duplex • singlemode 9-micron ST cable,

Extend a compatible sensor over two

- extend to 12.4 miles (20 km). E-SER-2FOMMSC: Using a •
- duplex multimode 50-micron or 62.5-micron SC cable, extend to 1.2 miles (2 km).
- Converts RJ45 cabling into fiber on both ends.
- Use CATx cable with one end unterminated to connect the ENVIROMUX unit and sensor to the fiber converters.

## **5VDC Sensor Converter**



External RJ45 device monitors up to two linear DC sensors, 0VDC ~ 5VDC

## WiFi Range Extender, 300 Mbps



- Use with an ENVIROMUX unit to create a Wireless Environment Monitoring System.
  - Configure, monitor, and receive alerts without the use of a wired network connection.
- Wireless speeds up to 300 Mbps
- Works with any Wi-Fi router or wireless access point.
- Wireless standards: IEEE 802.11n, IEEE 802.11g, IEEE 802.11b
- Wireless security: 64-bit, 128-bit, 152-bit, WEP WPA-PSK, WPA2-PSK



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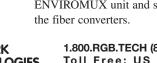
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Output: 12VDC, 25mA

#### E-S5VDC

## WiFi Range Extender





Digital outputs:

Potential free

Controllable via SNMP

# Sensors & Accessories Compatible with E-2D/5D/16D **ENVIROMUX®**

## **Sensor Accessories**

## Surge Protectors

## **CATx Surge Protector**



SP-CAT5-6V

- Protects sensors running on CATx unshielded twisted pair (UTP) cable against the effects of electrostatic discharge, faulty wiring and lightning.
  - The use of two protectors on each end of the line will provide increased protection for each end against surges. Protected pins: (1,2) (3,6) (4,7) and
    - (7,8) pass through.

#### Weather Resistant Surge Protector for RS485 Control & **12VDC Power Lines** Ideal for applications such as video



Protects sensors running on 22 AWG 2-wire sensor cables or 12VDC power lines against the effects of electrostatic

control.

discharge, faulty wiring and lightning. Will also protect two single ended data, analog or control lines.

surveillance cameras and access

Impact and weather resistant enclosure with locking hinged cover.

## **Sensor Cables**

## Plenum 22 AWG 2-Wire Sensor Cable



- 22 AWG 2-wire sensor cable.
  - Use to connect dry contact sensors to the E-2D/5D/16D.
- Gray plenum-grade PVC jacket.
- Available lengths (ft): 3/6/10/25/50/100/300/500/700/1000

### Self-Adhesive Clips

## Self-Adhesive Clips for Liquid/Chemical Sensor Rope



- E-CLP10-LD
- Use to prevent sensor rope cable from shifting after installation
- Material: Nylon
- Quantity: 10 clips
- Compatible with E-LDx-y and E-CDx-y

## **Outdoor 22 AWG 2-Wire Sensor Cable**



SP-RS485-12V-0

- Outdoor 22 AWG 2-wire sensor cable.
- Sunlight-resistant gray PVC jacket.
- Operating temperature: -4 to 221°F (-20 to 105°C).
- Available lengths: 3/6/10/25/50/100/300 /500/700/1000 feet





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