

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

### Digital Input/Output Expanders

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



**E-DI16DO16**

- 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
  - Rated sink current: 500 mA per output
  - +5VDC, 22kΩ pull-ups
  - Voltage range: 0 to +24VDC
  - Controllable via SNMP

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



**E-DI16DOR16-V2**

- Adds 16 digital inputs and 16 digital normally-open relay contact 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 normally-open relay contact outputs
  - Potential free
  - Rated switching load: 0.5A @ 125 VAC, 1.0A @ ±30VDC
  - Controllable via SNMP

### 4-20mA & 5VDC Sensor Converters

#### 4-20mA Sensor Converter



**E-S420MA-24V**

- 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

#### 5VDC Sensor Converter



**E-S5VDC**

- External RJ45 device monitors up to two linear DC sensors, 0VDC ~ 5VDC
- Output: 12VDC, 25mA

### Fiber Converter/Extender

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



**E-SER-2FOMMSC**

- Extend a compatible sensor over two singlemode or multimode fiber cables.
  - E-SER-2FOSMST: Using a duplex singlemode 9-micron ST cable, 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.

### WiFi Range Extender

#### WiFi Range Extender, 300 Mbps



**E-WIFI-RE**

- 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

## 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



SP-RS485-12V-0

- Ideal for applications such as video surveillance cameras and access control.
- Protects sensors running on 22 AWG 2-wire sensor cables or 12VDC power lines against the effects of electrostatic discharge, faulty wiring and lightning.
- Will also protect two single ended data, analog or control lines.
- Impact and weather resistant enclosure with locking hinged cover.

### Sensor Cables

#### Plenum 22 AWG 2-Wire Sensor Cable



E-2W-PLNM-xx

- 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

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



E-2WO-xx

- 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

### 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