Sensor Accessories

Digital Input/Output Expanders

Digital I/O Expander (Open-Collector Outputs)

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

- Adds 16 digital inputs and 16 digital normally-open relay contact outputs to the E-2D/5D/16D
- 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

- 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

- External RJ45 device monitors up to two linear DC sensors, 0VDC ~ 5VDC
- Output for each sensor:
  - E-S5VDC: 12VDC, 25mA
  - E-S5VDC-5V: 5VDC, 15mA

Fiber Converter/Extender

RS485/RS232/RS422 to Fiber Converter/Extender

- 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.

Self-Adhesive Clips

Self-Adhesive Clips for Liquid/Chemical Sensor Rope

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

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

Surge Protectors

CATx Surge Protector

- 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 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.