

Sensors & Accessories Compatible with ENVIROMUX-2D/5D/16D

ENVIROMUX®

Environmental Sensors

Smoke Detection Sensor

Smoke Detection Sensor – 120VAC Wire-In with Battery Backup



ENVIROMUX-SDS-120V

- Ionization smoke detector.
- Applications from 40°F to 100°F (4°C to 38°C).
- Front loading battery door.
- One button design for easy testing and HUSH mode activation control.
- Voltage supply: 120VAC.
- Audio alarm: 85dB at 10ft.
- Links with up to 24 devices.
- Use compatible relay (ENVIROMUX-RLY-SDS120V) for connection to the ENVIROMUX system.
- Contact ratings: 10A at 120VAC, 5A at 30VDC.

Smoke Detection Sensor – UL Approved



ENVIROMUX-SDS

- Photoelectric smoke detector.
- Smoke sensitivity: 0.98-2.4%/ft.
- Built-in 135° F (57° C) thermal heat sensor.
- Operating temperature: 14 to 122°F (-10 to 50°C).

Smoke Detection Sensor – CE Approved



ENVIROMUX-SDS-CE

- Photoelectric smoke detector.
- Smoke sensitivity: 0.08-0.14 dB/m.
- Applications from 32 to 122°F (0 to 50°C).
- Operating temperature: 14 to 122°F (-10 to 50°C).

Smoke Detection Sensor – UL Approved, TAA Compliant



ENVIROMUX-SDS-TAA

- Photoelectric smoke detector.
- Smoke sensitivity: 0.98-2.4%/ft.
- Built-in 135° F (57° C) thermal heat sensor.
- Voltage supply: 8-35VDC.

Gas Detector/Sensors

Gas Detector – Methane, Butane, Propane



ENVIROMUX-GD-MBP

- Use to detect leaks of combustible gas (methane, propane, butane, acetylene, etc.)
- Continuous air monitoring.
- Audible alarm signal: 94 dB at 1 foot.
- Relay specifications: level selectable, normally open or normally closed, 250V AC, max 5A.

Carbon Monoxide Detector, CO



ENVIROMUX-CMD

- Continuous air monitoring.
- Pre-set alarm points alert at:
 - 70 ppm after 60 to 240 minutes
 - 150 ppm after 10 to 50 minutes
 - 400 ppm after 4 to 15 minutes

Carbon Dioxide Sensor, CO2



ENVIROMUX-CO2

- Measures CO2 in a range of 0 to 2,000 ppm.
- 0 to 5 VDC output.
- Continuous automatic air pressure compensation.
- Requires the ENVIROMUX-S5VDC sensor converter to operate.

Hydrogen Gas Detector



ENVIROMUX-H2

- Use to detect leaks of hydrogen gas in battery monitoring/charging rooms, substations, uninterruptible power supplies (UPS), and hydrogen fueled back-up power systems.
- Alarm set point: 10% LEL hydrogen gas.
- SPDT Alarm and normally-closed output relay.

Hydrogen Sulfide Detector



ENVIROMUX-H2S

- Use to monitor the presence of Hydrogen Sulfide from failed UPS (uninterrupted power supply) lead acid batteries, in paper mills, refineries, waste disposable facilities, etc.
- Measures H2S in a range of 0 to 50 ppm.
- 5A SPDT fan relay controls exhaust fans, valves, or louvers.
- Alerts are based solely on the measured H2S levels reported by the ENVIROMUX-H2S.