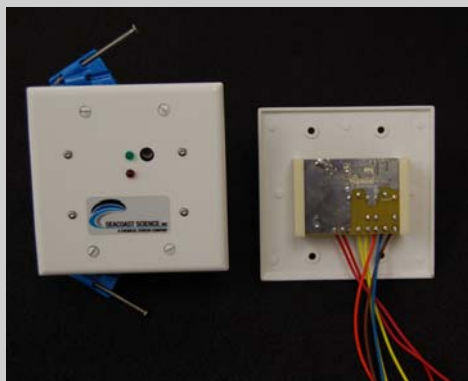


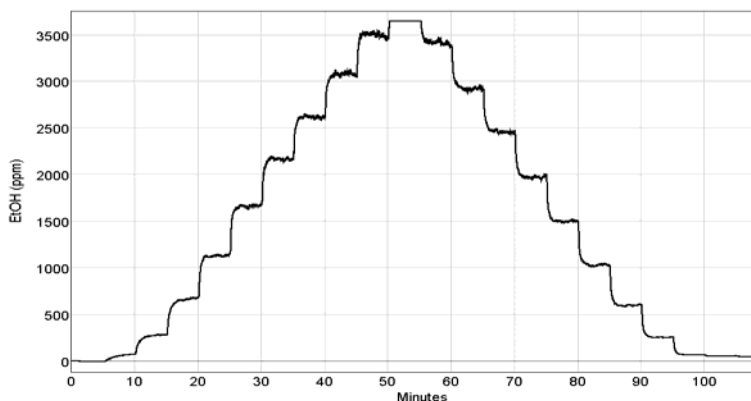
SC-M100 Ethanol

FEATURES

- Alarms and activates PEL levels (1000 ppm)
- Dual relays: fan (SPDT) & alarm (N.O.)
- LED reflect system status
- Wall mount enclosure with exposed sensor
- No calibration required
- 2 Minutes warm up time
- Up to 10 year lifetime
- Micro computer state of the art design



| | |
|------------------------------|--|
| Chemical Detected | Ethanol |
| Detection Principle | Metal Oxide Sensor |
| Sampling Method | Residual air flow over sensor |
| Response Time | Seconds (concentration dependent) |
| Power | 9-30 VAC or VDC, 0.9 VA |
| Current | 0.07A @ 12V, 0.03A @ 24V |
| Weight | Less than 1 pound |
| Connections | 7 max, # 20 wires, 6" long |
| Fan relay | 10A, 250 VAC 5A, 100 VDC, 2500 VA, SPDT |
| Alarm relay | 10A, 250 VAC 5A, 100 VDC, 2500 VA |
| Operating Environment | 0°C to 50°C, 10-90 % RH |

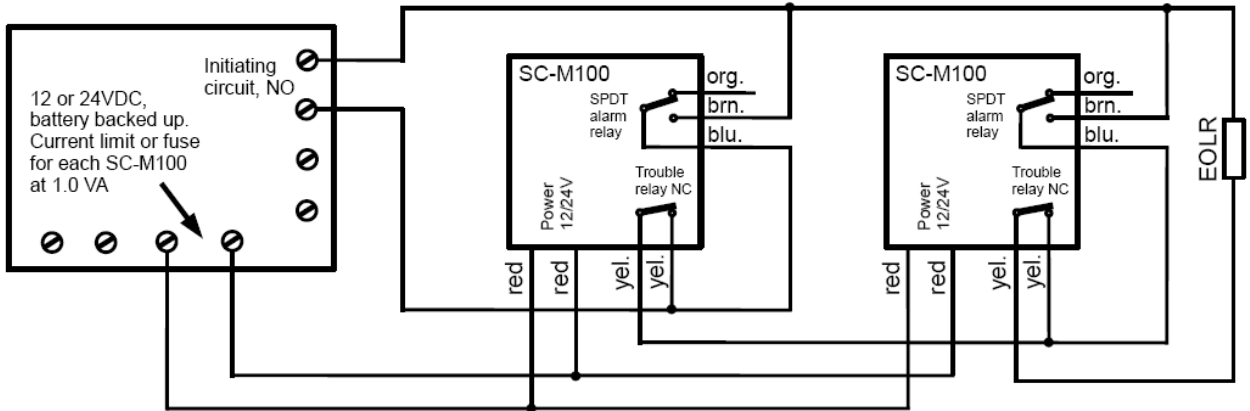


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Contact Seacoast Science to see how our prototypes can be tailored to meet your specific chemical detection needs.

TYPICAL CONNECTION OF SC-M100 TO AN ALARM CONTROL PANEL



NOTE:

- 1). If the case of using natural gas (methane) install SC-M100 on a wall about 30 cm (1 foot) down from the ceiling. In case of propane mount SC-M100 30 cm (1 foot) above the floor. Do not install SC-M100 in a corner
- 2). The zone inputs must be terminated with end of line resistors (ELOR), that are provided with the alarm control panel

SC-M100 CAN BE USED ALONE

