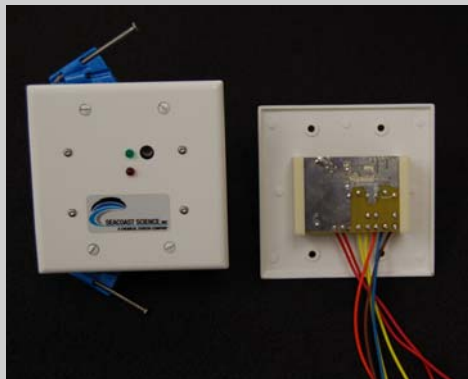


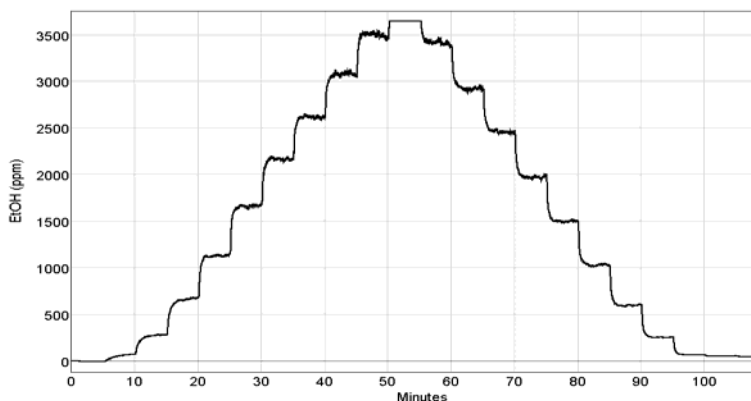
SC-M100 Ethanol

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

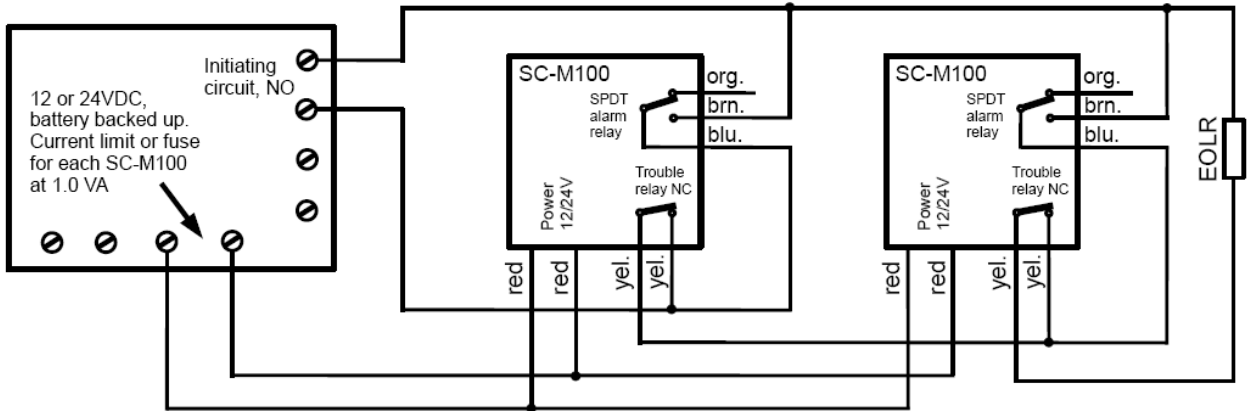


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Contact Seacoast Science to see how our prototypes can be tailored to meet your specific chemical detection needs.

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

