SPECIFIED CONTROLS

GAS DETECTION REFRIGERANT EQUIPMENT AND APPLICATIONS

SC-QIRF
Refrigerant Monitor

QIRF-XXXXX



Refrigeration, cold storage, grocery stores, chiller rooms and other commercial refrigeration applications

Mode	Stand Alone or System
Coverage	7238 sq ft (48' off radius)
Size	4.72" x 7.87" x 3.54"
Operating Temperature	-49°F to 149°F (-45°C to 65°C)

- 24V AC or DC
- 4 relay outputs
- NEMA 4X enclosure
- LCD display
- ETL listed
- Visual & audible alarm

SC-QVRF
Refrigerant Monitor

QVRF-XXXXX



A2L Refrigerant series, cold storage, grocery stores, chiller rooms and other commercial refrigeration applications.

Mode	Stand Alone or System
Size	6" x 6" x 2"
Operating Temperature	-40°F to 158°F (-45°C to 65°C)

- 24V AC or DC
- 2 relay outputs
- IP54 rated enclosure
- Indoor use only
- LED indicator
- Visual & audible alarm

SC-Q4C-II
SC-Q4C-II



Monitors 4 sensors

Automobile exhaust, parking garages, forklifts, loading docks, vehicle repair facilities, warehouses, kitchens, laundries, fire stations

Mode	System
Coverage	N/A
Size	7" x 4.7" x 3.5"
Operating Temperature	-4°F to 122°F (-20°C to 50°C)

- 24V AC or DC
- 4 relay outputs
- NEMA 4X enclosure
- LCD display
- ETL listed
- Visual & audible alarm
- Software included

SC-M2-Controller
SC-M2-Controller



Monitors 32 sensors

Automobile exhaust, parking garages, forklifts, loading docks, vehicle repair facilities, warehouses, kitchens, laundries, fire stations

Mode	System
Coverage	N/A
Size	10" x 8" x 2"
Operating Temperature	-4°F to 122°F (-20°C to 50°C)

- 24V AC or DC
- 3 relay outputs
- 4-20 mA, 2-10 VDC output (optional)
- NEMA 1 enclosure
- LCD display
- ETL listed
- Visual & audible alarm
- Output expansion modules
- Data logging (optional)
- Software included

8 Channel Analog Input Module
SC-AI-BOX



The modules provide a means of high-density signal measurement for data-acquisition applications. The AI-Box module accepts 8 channels 4-20 mA process signals.

4 Channel Relay Input Module
SC-BI-BOX



Supports any combination of the IO Box, the BI-Box can be up to 31 modules, plus 4 onboard switch inputs, allowing a total of 128 switch inputs via a single controller.

Relay Module
SC-M-RELAY



Switch external equipment—like exhaust fans, horns, or dampers—on and off based on detected gas levels. Ability to add up to an additional 99 relays to application.



BACnet IP Output Converter
SC-BAC-BOX

Allows controller to communicate on a BACnet network.



8 Channel Analog Output Module
SC-AO-BOX

Supports any combination of the IO Box, the AO-Box can be up to 16 modules, allowing a total of 128 4-20mA analog signals to be output via a single controller.



4 Channel Relay Output Module
SC-BO-BOX

Supports any combination of the IO Box, the BO-Box can be up to 31 modules, plus 4 onboard relays, allowing a total of 128 relay output via a single controller.



QRP Series Remote Display Panel
for M2-Controller

SC-QRP-A

Designed to host up to 12 QRP-A or M-Relay units to provide flexible and programmable controls

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SPECIFIED CONTROLS

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OVR Switch

SW-4X-O/A

Features

Allows the building operator to control equipment from a remote location.

Applications

Designed to operate equipment such as fans, dampers and pumps in industrial environments.



Horn & Strobe

SC-HS-SL

Features

Single alarm and strobe. Audible and visual alarm.

Applications

Any single alarm



Duct Kit

SC-Q5-DK

Features

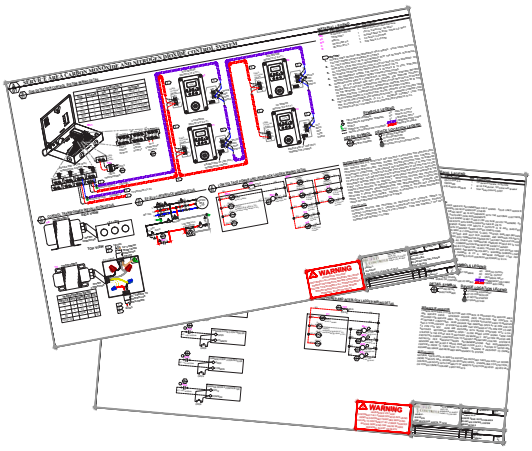
Allows all Specified Controls sensors to be duct mounted

Applications

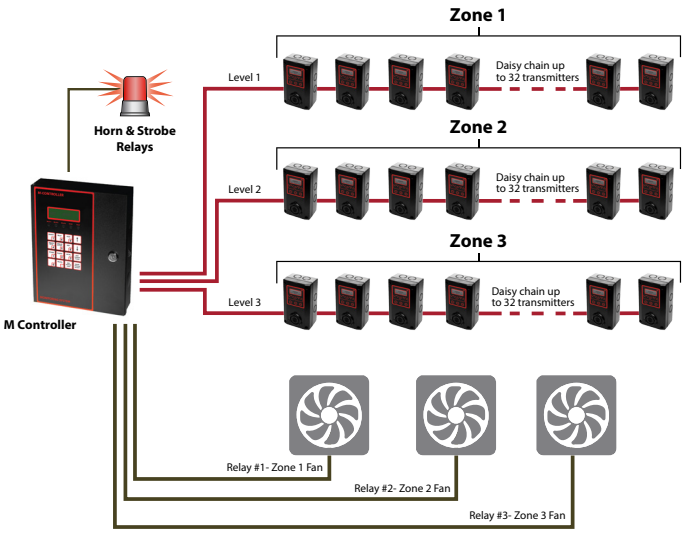
For use with SC-Q5, SC-B5 and SC-Q6 sensors when duct sensing is needed

The Specified Controls Difference

Whether your needs are parts and components or a full Gas Detection System with factory trained commissioning, Specified Controls is here to provide the best value in Gas Detection. Specified Controls is happy to provide customized AutoCAD control drawings, schematics and technical support for each job. We have factory-trained gas detection commissioning experts which can visit your jobsite and assure that the system is installed and functioning properly.



- **Custom AutoCAD drawings**
  Eliminates engineering time and cost by 2-8 hours*
- **Pre-programming of Gas Detection Systems**
  Eliminates programming time and cost by 2-4 hours*
- **On-site Startup and Commissioning**
  Reduces startup time and cost by 2-4 hours*



Detectable Gas Type Ordering Codes

(Multiple spans available for some gases)

- **CH3CO-100L** (Acetone, Catalytic Bead, 0-100% LEL) (Span: 100L)
- **NH3** (Ammonia, Electrochemical, 0-100 PPM) (Span: 100P)
- **ASH3** (Arsine, Electrochemical, 0-1 PPM) (Span: 1P)
- **C6H6** (Benzene, Catalytic Bead, 0-100% LEL) (Span: 100L)
- **C4H10** (Iso-Butane, Catalytic Bead, 0-100% LEL) (Span: 100L)
- **BUTAN** (Butanol, n-Butane, Catalytic Bead, 0-100% LEL) (Span: 100L)
- **CO2** (Carbon Dioxide, Infrared, 0-5000 PPM) (Span: 5000P)
- **CO** (Carbon Monoxide, Electrochemical, 0-250 PPM) (Span: 250P)
- **CL2** (Chlorine, Electrochemical, 0-5 PPM) (Span: 5P)
- **CLO2** (Chlorine Dioxide, Electrochemical, 0-2 PPM) (Span: 2P)
- **B2H6** (Diborane, Electrochemical, 0-2 PPM) (Span: 2P)
- **C2H4** (Ethylene, Catalytic Bead, 0-100% LEL) (Span: 100L)
- **ETO** (Ethylene Oxide, Electrochemical, 0-20 PPM) (Span: 20P)
- **GEH4** (Germaine, Electrochemical, 0-2 PPM) (Span: 2P)
- **H2** (Hydrogen, Electrochemical, 0-1000 PPM) (Span: 1000P)
- **HBR** (Hydrogen Bromide, Electrochemical, 0-30 PPM) (Span: 30P)
- **HCL** (Hydrogen Chloride, Electrochemical, 0-30 PPM) (Span: 30P)
- **HCN** (Hydrogen Cyanide, Electrochemical, 0-50 PPM) (Span: 50P)
- **H2S** (Hydrogen Sulphide, Electrochemical, 0-25 PPM) (Span: 25P)
- **CH4** (Methane, Catalytic Bead, 0-100% LEL) (Span: 100L)
- **CH3OH** (Methanol, Catalytic Bead, 0-100% LEL) (Span: 100L)
- **NO** (Nitric Oxide, Electrochemical, 0-100 PPM) (Span: 100P)
- **NO2** (Nitrogen Dioxide, Electrochemical, 0-10 PPM) (Span: 10P)
- **O2** (Oxygen, Electrochemical, 0-25% VOL) (Span: 25V)
- **O3** (Ozone, Electrochemical, 0-1 PPM) (Span: 1P)
- **C5H12** (Iso-Pentane, Catalytic Bead, 0-100% LEL) (Span: 100L)
- **PH3** (Phosphine, Electrochemical, 0-1 PPM) (Span: 1P)
- **PH3** (Phosphine, Electrochemical, 0-5 PPM) (Span: 5P)
- **C3H8** (Propane, Catalytic Bead, 0-100% LEL) (Span: 100L)
- **SIH4** (Silane, Electrochemical, 0-50 PPM) (Span: 50P)
- **SO2** (Sulphur Dioxide, Electrochemical, 0-6 PPM) (Span: 6P)
- **GENL** (Combustible, Catalytic Bead, 0-100% LEL) (Span: 100L)
  (Specify specific combustible fumes)

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