

Combustible gas detector

**SCACCO**

EN 50194 compliant



SCACCO gas detectors use a catalytic sensor mounted on a reliable and low consumption electronic circuit. Visual indications, integrated in the detector without the use of optical elements or LED holes, create a stunning optical effect. The detector is predisposed for installation on the flush mounting boxes most used in Europe (2 modules, rectangular or round) or with external trunk (20x10) hidden behind the detector.

## Features

- Modern design
- Catalytic bead sensor
- Highly selective sensor eliminates the risk of false alarms
- Sensor fault indication
- Low power consumption (2,2 VA)
- IP42 enclosure rating
- Easy installation thanks to the predisposition for power supply through multipole cable, trunk (20x10) or on flush mounting boxes (2 modules, rectangular or round)
- Two or more detectors can operate the same gas valve
- EN 50194-1:2009 compliant
- IMQ-CIG certified

## Models

B10-SC01	SCACCO Methane (CH <sub>4</sub> )
B10-SC02	SCACCO L.P.G.

## Accessories and spares

B90-SIRELAMP/220	Audible/visual alarm unit 230 Vac
B98-BG1	Gas Test 50 ml propane-butane mixture

A wide range of manual reloading gas valves is also available:

40ORM series	NO, brass body, lever reloading
50ORM series	NC, brass body, lever reloading
60ORM series	NO, aluminium body, lever reloading
90ORM series	NC, aluminium body, lever reloading

## Specifications

### Power

Power input: 230 Vac 50 Hz ( $\pm 10\%$ )  
Power consumption: 2,2 VA (stand-by)

### Environmental

Operating temperature:  $-10 / +40^{\circ}\text{C}$   
Relative Humidity:  $30 \div 90\%$  non-condensing  
Enclosure rating: IP42

### Mechanical

Dimensions: 122 x 86 x 40 mm  
Weight: 235 gr  
Color: Ivory  
Housing: PC/ABS UL94-V0  
Mounting: Wall mounted

### Sensor

Type: Catalytic bead  
Life expectancy: 5 years  
Warm-up time: < 30 seconds  
Response time: < 30 seconds  
Alarm level: 10% L.E.L.  
Further features: Highly selective  
Sensor fault indication

### Alarm:

Audible: Buzzer > 85 dbA @ 1 meter  
Alarm relay: 1, 5A @ 250 Vac (NO - C - NC)

### LED indicators:

Green: Power on  
Yellow: Warm up/fault  
Red: Alarm

### Operational:

1 push button (detector test)

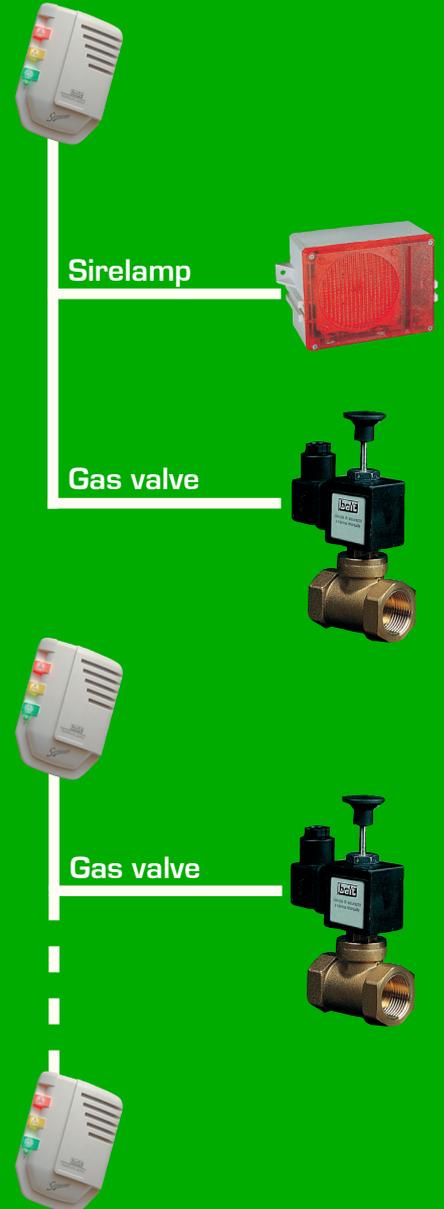
### Approvals:

EMC (EN 50270)  
EN 50194-1:2009  
IMQ-CIG

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### Wiring example



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