G004912

Gas Alarm Panel Module
Control M Gas Internal

Part no. 5110001-03G

System: Salwico GS5000, Salwico SW5050

General Description

The Control M Gas is a control panel with a 4.3" graphical colour display used to manage and supervise a gas alarm system. Control M Gas Internal mounts in the gas alarm cabinet front.

Control M Gas Internal is equipped with communication buses for connecting to the gas alarm system, but it has to be used in connection with module BusCon M Gas.

Features:

- A backlit 4.3" graphical colour display
- Alarm buzzer
- LED status indicators
- Backbone Bus Interface
- MODBUS interface
- USB interface (for service & maintenance)
- One power output
- One alarm output
- One fault output
- Three programmable outputs

Refer to the User Guide for more information on operating Control M Gas.

For details on assembling a system and definitions of common system terms, refer to the Installation Manual.

Data

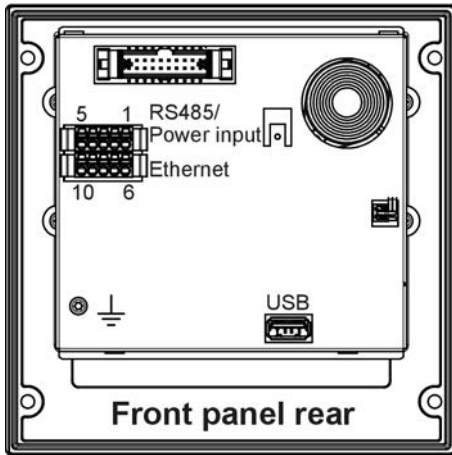|	
Operating voltage range	22-48 VDC
Current consumption (at 24V)	92 mA
Ingress protection	IP55
Operating temperature range	-5°C to +55°C
Weight	620 g
Display	4.3", 480×272 pixels, TFT
USB port	USB 1.1 Embedded Host
RS-485 interface	Isolated
1 digital input	24 VDC
5 digital outputs	Relay contacts
1 Power output	19-30 VDC, 0.5 A
Certified according to	0845/yy yy = year of production

Indicators and Buttons

G004914

Refer to the User Guide for more information.

Addressing

Available addresses for Control M Gas Internal are between 1 and 10.

As a system master controller it must have address 1.

Terminals

Connections

Control M Gas Internal mounts in the front of the central cabinet.

Using ribbon cables connect the Control M Gas to BusCon M Gas.

Figure 1. Control M Gas connected to BusCon M Gas

Figure 2. Terminal connections on BusCon M Gas

For detailed terminal information, see datasheet for BusCon M Gas module.
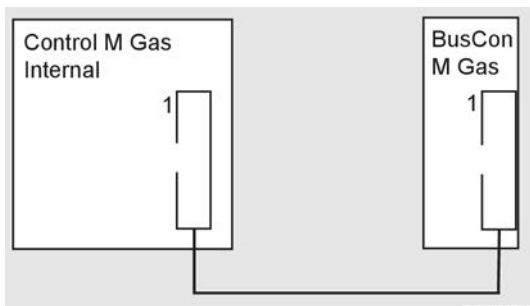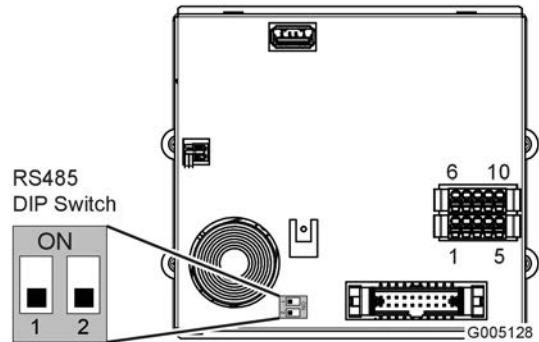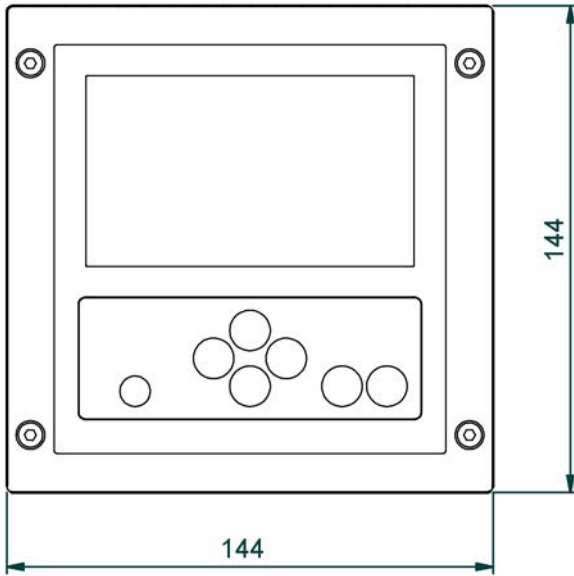
RS-485 Termination

For RS-485 Termination the built-in terminator (120 ohm) shall be activated with the RS-485 DIP switch located on the rear of the front panel.

For recommendations and examples on RS-485 Termination, refer to the Installation Manual.

Table 1. DIP switch for RS-485 Termination

DIP Switch No.	Description	ON	OFF
1	BBI1	Active	Deactivated
2	BBI2	Active	Deactivated

Module Dimensions (mm)

144

144

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Mounting Dimensions (mm)

Panel cutout

22

90

$134 \, {}^{+3,00}_{-0,00}$

22

$123 \pm 1,00$

3

3

129

Ø 5 (4x)

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