Control M Gas Internal Gas Alarm Control Panel

Product reference	
Part No.	5110001-20A
Manufacturer	Consilium / Salwico
Model	Control M Gas Internal



G004912

Product overview

The Control M Gas is a control panel with a 4.3" graphical colour display used to manage and supervise a gas alarm system.

Key features

- Preserve the original manufacturer pages for terminal pinouts and mechanical drawings.
- Printed conformity references do not establish current certificate validity.

Installation & compatibility

- 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.

Technical specifications

Model Variant	Control M Gas Internal	5 digital outputs	Relay contacts
Manufacturer Article Number	5110001-20A	1 Power output	19-30 VDC, 0.5 A
Operating voltage range	22-48 VDC	Compatible control systems	CGD50/500
Current consumption	92 mA (at 24V)	Connection module	BusCon M Gas
Ingress protection	IP55	Addressing	Available addresses for Control M Gas Internal are between 1 and 10. As a system master controller it must have address 1.
Operating temperature	-5°C to +55°C	RS-485 termination DIP switch 1.1 (1)	BBI1: ON = Active; OFF = Deactivated
Weight	620 g	RS-485 termination DIP switch 1.2 (2)	BBI2: ON = Active; OFF = Deactivated
Display	4.3", 480×272 pixels, TFT	Terminals	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.
USB port	USB 1.1 Embedded Host	Connections	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
RS-485 interface	Isolated	Panel cutout / mounting	Panel cutout: width123 +/-1.00 mm; height134 +3.00/-0.00 mm; four diameter5 mm mounting holes. Follow original drawing for hole positions.
1 digital input	24 VDC	Panel face dimensions	144 x144 mm; mounting/cutout dimensions are specified separately in the original drawing.