C-IC-GS Gas Sampling Module

Product reference	
Part No.	5100361-00A
Manufacturer	Consilium / Salwico
Model	C-IC-GS



Key product facts

01 · Operating voltage range
22–30 V DC

Product overview

The C-IC-GS module controls an entire sampling machine in the gas sampling system.

Key features

- It is responsible for control, monitoring and evaluation of the entire pneumatic system, including valves, pressure sensors, and gas detectors.

Technical specifications

Manufacturer Article Number	5100361-00A	Material	Polyamide (housing)
Nominal supply voltage	24 V DC	Colour	Black/gray
Operating voltage range	22–30 V DC	Weight	260 g ± 5%
Input voltage	24 V DC	Dimensions (W × H × D)	137 × 142 × 48 mm
Output voltage	24 V DC	Fuses	5 A
Max output current	5 A	Max DC load (resistive) per channel	2 A / 24 V DC (pump outputs); 0.5 A / 24 V DC (all other outputs)
Power consumption	240 mW (at 10 mA / 24 V)	Current consumption (at 24V)	10 mA
Relay rating	24 V DC, 0.5 A (shut-down relay)	Cable terminals	1.5 mm²
I/O (as input)	9 transmitter interfaces (4-20 mA)	Sampling configuration	Lite: one pump and up to seven sampling points; Expanded: up to four C-ICO-GS modules and 64 sampling points.
Operating temperature range	-20 °C to +55 °C	Main-module scope	One C-IC-GS per sampling machine; maximum two C-IC-GS modules per sampling system.
Storage temperature range	-40 °C to +70 °C	Configuration-specific wiring	Lite sampling valves use V101-V107; Expanded sampling valves use the C-ICO-GS expansion modules. Follow the original terminal table.
Ambient humidity	0 to 95% RH		