CM-L-G with housing

Product reference	
Part No.	5100247-00A
Manufacturer	Consilium / Salwico
Model	CM-L-G



Product overview

CM-L-G with housing is an addressable gas loop controller for CGD50/500, with power and communication redundancy and one IDAxt loop interface for up to 20 addressable gas loop units. Mount horizontally on a 35 mm DIN rail. The binary address uses DIP poles 1–7; addresses 63–74 require the specific installation-manual conditions, and DIP pole 8 must always be ON. Preserve all four original pages for connections, diagnostics and mounting dimensions; printed conformity wording does not establish current certificate validity.

Technical specifications

Manufacturer Article Number	5100247-00A	Colour shell	Gray (RAL 7042)
Operating voltage	19-30 VDC	Spare part no. CM-L-G	5100245-00
Current consumption (at 24 V)	70 mA	Spare part no. for housing	5100102-01
Loop output nominal voltage	35 VDC	Loop cable requirement	See the Installation & Commissioning manual
Loop maximum output current	400 mA (< 15 minutes)	Compatible loop units	All gas loop units that communicates with the IDAxt protocol
Loop continuous output current	200 mA	Compatible system	CGD50/500
Max. no. of loop units	20	DIP switch 8	Always ON
Cable terminals	2.5 mm²	Physical address selection	Binary address on the Backbone Bus via DIP poles 1–7; addresses 63–74 are allowed only under the specific conditions in the installation manual.
Operating temperature	-40 °C to +70 °C	Mounting	Horizontal 35 mm DIN rail
Storage temperature	-50 °C to +70 °C	Loop connections	Original terminal table: loop A+ = 11, A− = 12; loop B+ = 13, B− = 14. Follow the original connection drawing.
Relative humidity	≤ 95 % RH non-condensing	ALARM / FAULT indicators	ALARM red steady: one or more gas alarms; off: no alarms. FAULT yellow steady: one or more faults; yellow flashing: booting or re-scanning the loop; off: no faults.
Addressing method	DIP switch	PS power-supply indicator	Green: operational without power fault. Yellow steady: operational with one power fault, communication with loop units continues. Yellow flashing 0.5 s on/0.5 s off: boot loader during firmware download; the loop unit cannot communicate. Off: quarantine mode.
Material	Nylon 6.6	COM Backbone indicator	Green steady: communication and received configuration. Green flashing 0.5 s on/0.5 s off: communication, awaiting configuration. Yellow steady: no communication. Yellow flashing 0.5 s on/0.5 s off: firmware transfer; 1 s on/0.5 s off: quarantine.
Weight (with housing)	140 g ± 5%	Transfer / fault diagnostics	PS yellow and COM green both flashing 0.5 s on/0.5 s off: software upload/download. All LEDs flashing: all DIP switches OFF or all ON; set to project documentation. Consult control-panel fault alarms and the CGD500 Installation or Service & Maintenance manual.
Colour housing	Black (RAL 9005)	Original mounting dimensions	99 mm vertical; 114.5 mm side horizontal; 29 mm overall front width; 22.5 mm front subdimension. See the original drawing for orientation and clearances.