



G017120

Digital Input Module

CM-DI70-G

Part no. 5100074

System: CGD50/500, CGS50/500

General Description


The CM-DI70-G is an input module intended for use in a gas alarm system. The module provides digital input channels for monitoring of input signals.

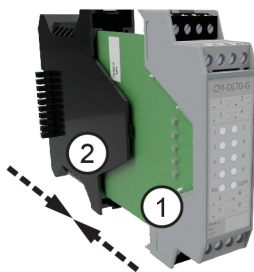
For details on assembling a system and definitions of common system terms, refer to the Installation Manual.

Part numbers:

Item	Part name	Part no.
1 & 2	CM-DI70-G with housing, fully assembled	5100074-22
1 + 2	CM-DI70-G with housing, delivered as two parts	5100074-21
1	Spare part: CM-DI70-G (without housing)	5100074-20
2	Spare part: Housing	5100102-01

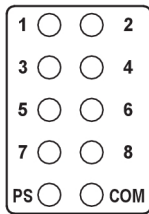
Data

Operating voltage range	19-30 V DC
Current consumption (at 24 V)	12 mA
Current consumption (at 8 EIR 10 k Ω)	32 mA
Max. current per channel	70 mA
Max. total current	0.6 A
ELR input/output	10 k Ω
Cable terminals	2.5 mm ²
Operating temperature	-5°C to +55°C
Weight (with housing)	130 g \pm 5%
Certified according to	 2531/yyyy yyyy = year of production



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Indicators

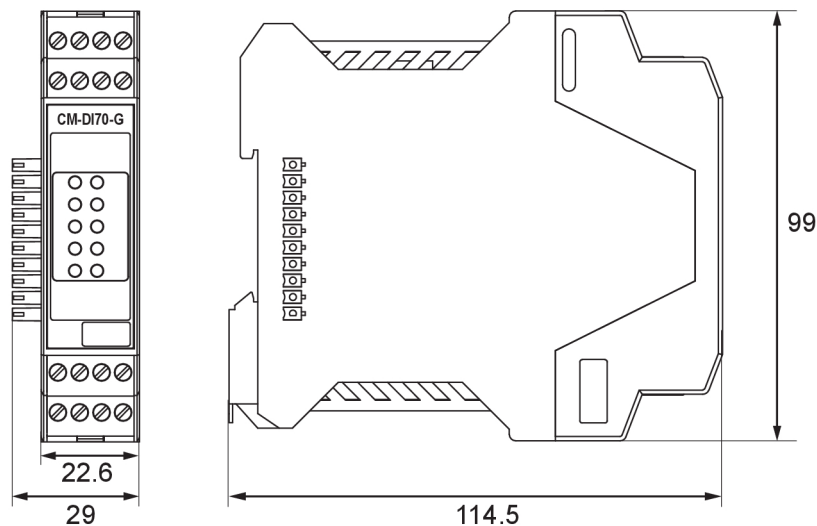


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Indicator	Colour, pattern	Module status
Channels 1 – 8	Red	The input is activated
	Yellow	Input fault
	None	The input is not activated

Indicator	Colour, pattern	Module status
PS (Power Supply)	Green	Power OK
	Yellow	Power Fault
COM (Communication)	Green	Communication OK
	Green, flashing 500 ms on/500 ms off	Communication OK, module not configured
	Yellow	Communication fault
PS + COM	PS = Yellow, flashing 500 ms on/500 ms off COM = Green	Boot-loader mode, waiting for firmware
PS + COM (both flashing)	Both yellow, flashing 500 ms on/500 ms off	Boot-loader mode, firmware download in progress
PS + COM	PS = Off COM = Flashing 1000 ms on/500 ms off	Quarantine (safe mode, module is not functional)

Dimensions (mm)



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