

Gas Controller: DGC-06

Measuring, warning and controlling device series, for toxic and combustible gases and vapours.

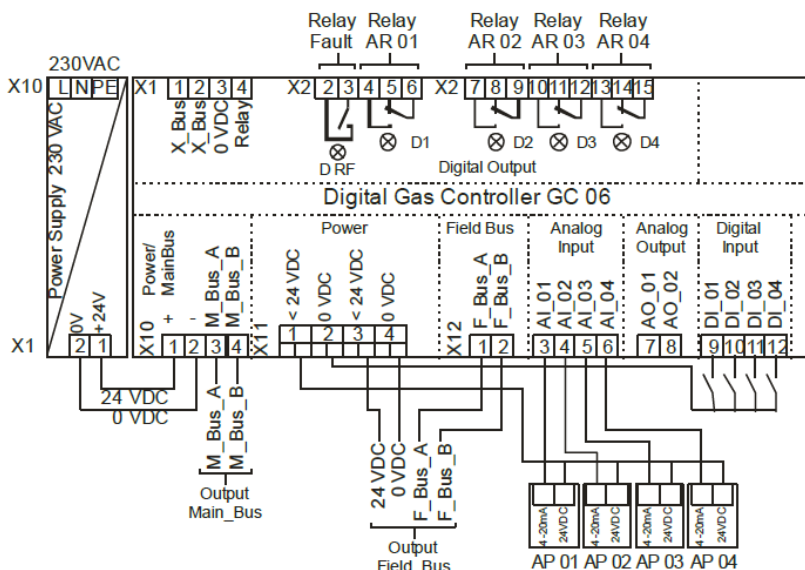
- up to 128 gas sensors
- four free adjustable alarm thresholds
- up to 32 alarm relay with potential-free change-over contact
- up to 16 analog outputs (4-20 mA)



Features

- For 128 gas sensors, 96 digital and/or 32 of them analog
- Simple and comfortable commissioning by configuration with standard parameters.
- Flexible configuration thanks to programmable parameters and set-points.
- Max. 32 relays with change-over contact, potential-free max. 250 VAC; 5 A.
- Max. 16 Analog-Outputs, 4-20 mA
- Shapely, durable housing
- Option: Housing lockable
- Option: Flashing light at power failure
- Suitable for about 50 toxic, combustible and refrigerant gases
- Logical system menu.
- Four free adjustable alarm thresholds per sensor
- Fault relay with normally open contact, potential-free max. 250VAC; 5 A.
- VDI – 2050 conformity
- Serial interface
- Option: Integrated battery backed UPS
- Option: Integrated warning buzzer

Wiring Configuration





Specifications		
Electrical:	Power supply	110/230 VAC 50/60Hz; 24 VAC/DC -10% + 20%
	Power consumption (incl. sensors)	Min. 30 W, 0.15 A Max. 160 W, 0.7 A <i>Depending on type and configuration</i>
	Option UPS	60 minutes
	Analog Output (2)	4 - 20 mA, overload and short-circuit-protected, input resistance 500 Ω
	Alarm relay (max. 32)	250 VAC, 5 A, potential-free, change-over
	Fault relay (1)	250 VAC, 5 A, potential-free, change-over
Visualization:	LCD	Two lines, 16 characters each, illuminated
	Status LED Operation	Operation - Fault - 1 st Alarm - ≥2 nd Alarm 6 push-buttons
Interface field bus:	Transceiver	RS 485 / 19200 Baud
Gases:	Gas Transmitter DT-05 and AT series	Toxic, combustibile and refrigerant gases
Environmental:	Humidity	15 – 95 % r. F. non-condensing
	Temperature: - Working - Storage	-5° C bis + 40° C 0° C bis + 40° C
Physical	Enclosure	Plastic housing with view cover
	Colour	RAL 7035
	Protection class	IP 65
	Weight:	Min. ca. 2,7 kg Max. ca. 13 kg <i>Depending on type</i>
	Mounting	Wall mounting
	Cable entry	M 16; M 20; M 25
	Connection: - Power supply - Output - Input	Screw type terminal: 2,5 mm ² 2x spring type: min.0,5, max.1,5 mm ² Spring type: min.0,5, max.1,5 mm ²
Dimensions:	Min. (B x H x T) 298 x 260 x 140 mm Max. (B x H x T) 410 x 655 x 140 mm <i>Depending on type</i>	