

## PolyGard® Gas Controller Expansion Module EP-04

### DESCRIPTION

Expansion module with four analog inputs (4 to 20 mA), five potential-free alarm relays and two analog outputs (4 to 20 mA) for the connection to the PolyGard® Gas Controller GC-04.

Via the internal bus the Gas Controller can be extended by up to five modules.

### APPLICATION

Extension of the analog inputs, analog outputs and alarm relays of the PolyGard® Gas Controller GC-04.



### FEATURES

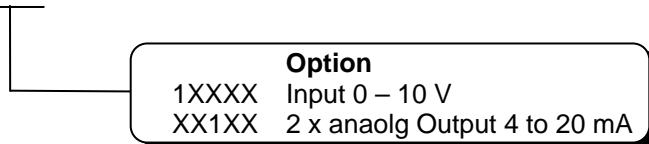
- Four analog inputs, 4 to 20 mA
- Five alarm relays with SPDT, potential-free max. 250 VAC, 5 A
- Two analog outputs, 4 to 20 mA
- Simple module addressing
- Mounting on DIN rail (EN 50 022) or in distribution enclosure.

## SPECIFICATIONS

<b>Electrical</b>	
Power supply	24 VAC/DC -10% + 20% / 21 to 31 VDC
Power consumption	3 W, 120 mA
Analog input (4)	4 to 20 mA, overload-proof and short-circuit-proof, input resistor 200 Ω
Power supply for external analog transmitter	24 VDC max. 50 mA / channel
Analog output (2) adjustable for each channel	4 to 20 mA, overload-proof and short-circuit-proof, max. load 500 Ω
Alarm relay (5)	250 VAC, 5 A, potential-free, SPDT
<b>Environmental</b>	
Humidity	15 – 95 % RH non condensing
Working temperature	-10 °C to + 50 °C (14 °F to 122 °F)
Storage temperature	0° C to + 50° C (32 °F to 122 °F)
<b>Physical Characteristics</b>	
Enclosure	Plastic housing
Colour	RAL 7035 (gray)
Protection class	IP 40
Weight	0,3 kg (0.66 lbs.)
Mounting	DIN Rail (EN 50 022), distribution enclosure
Wire connection	Power supply
	Relay
	Input
	Screw type terminal: 2,5 mm <sup>2</sup> (14 AWG)
	Spring type: 0,5 to 1,5 mm <sup>2</sup> (22 to 16 AWG)
	Spring type: 0,5 to 1,5 mm <sup>2</sup> (22 to 16 AWG)
Dimensions (W x H x D)	104 x 86 x 56 mm (4.1 x 3.4 x 2.2 in.)
<b>Guidelines</b>	
	EMC Directive 89/336/EEC
	Low Voltage Directive 73/23/EEC
<b>Warranty</b>	One year material and workmanship

## ORDERING INFORMATION

EP-04-04-04-00000



## CONNECTING DIAGRAM

