

ANALOG I/O MODULE

for analog proportional valve control

Series
G3

numatics

FEATURES

- Compact input module designed for the connection of analog signals, such as setpoint and feedback
- Diagnostics and status of each input and output indicated by graphic display
- Round male M12 connectors fitted with threaded metal nut
- IP 67 degree of protection
- Two analog inputs and outputs
- Two separate voltage supplies to switch off the actuators in case of emergency without interrupting the bus communication

GENERAL

Ambient temperature	-20°C to +50°C
Degree of protection	IP 67
Humidity	95% relative humidity, non-condensing

COMMUNICATION CHARACTERISTICS

Communication protocols	Ethernet POWERLINK, DeviceNet™, Ethernet/IP™, Modbus TCP/IP, PROFIBUS-DP, PROFINET®, CANopen®, DeviceLogix™ and EtherCAT®
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ELECTRICAL CHARACTERISTICS

Supply voltage	24V DC ±10%
Max. current US 2	4 A (2 proportional valves, each max. 2A)

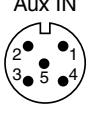
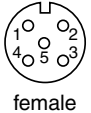
PROPORTIONAL VALVE CONTROL

Analog outputs	2x 0 - 10 V
Resolution	16 bits
Settling time	3 ms max.
Accuracy	≤ 1,0% of FS
Analog inputs	2x 0 - 10 V
Additionally:	
Digital outputs	2

SPECIFICATIONS

designation	catalogue number
Analog I/O module for analog proportional valve control	240-307

ELECTRICAL CONNECTION

		signal name	description
Aux IN  male	1	+ 24 V DC	
	2	+ 24 V DC	
	3	0V	
	4	0V	
	5	-	
Digital input  female	1	+24V DC	ON/OFF sensor voltage supply
	2	input 2	sensor 2 input or diagnostics (DESINA)
	3	0V	common ground
	4	input 1	sensor 1 input
	5	-	-



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