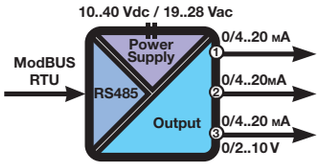


Z-3AO

3-CH ANALOG OUTPUT MODULE / RS485 MODBUS RTU



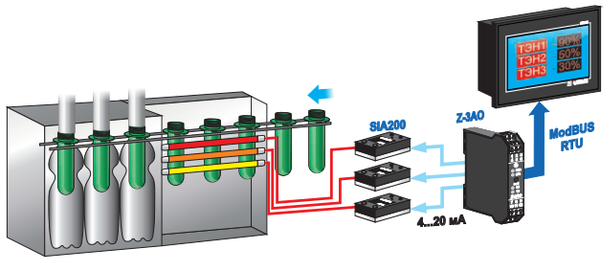
Z-3AO is used to get N.3 analogue outputs (mA or V) from a ModBUS system. The standard can be either mA (0..20mA / 4..20mA) or V (-10..10 V, 0..10 V or 2..10 V).

A 3-way galvanic isolation among Power supply // input // RS485 circuits assures the integrity of your datas.

TECHNICAL SPECIFICATIONS

General Data	
Power supply	10..40 Vdc / 19..28 Vac / 50-60 Hz
Power consumption	2,5 W
Isolation	1.500 Vac (3 way)
Power transducers	-
Status Indicators	Power supply, error, data transmission, data reception
Protection Degree	IP20
Operating Temperature	-20..+65 °C
Dimension (W x H x D)	17.5 x 100 x 112 mm
Mounting	35 mm DIN rail guide
Communication, Memory Process	
Interface	2 wire RS485
Speed	Up to 57.600 bps (RS485) 2.400 bps (RS232)
Protocol	ModBUS RTU slave
Communication Time	< 20 ms (@ 38400 baud)
Distance	Up to 1.200 m
Connectivity	Max 32 nodes
Data Memory	EEPROM for the configuration parameters, retention time 10 years
Signals	
Channel Numbers	3
Output	VOLTAGE Bipolar with settable full scale and start scale at -10 ..10 V, 0 ..10 V or 2 ..10 V. CURRENT with settable full scale and start scale at 0 ..20mA or 4 ..20 mA.
Programming	
DIP switches	Baud rate, address, output type
Software	EASY Z-3AO (plug&play free software)
Standard	
Approval	CE
Norms	EN 50081-2; EN 55011; EN 50082-2; EN 61000-2-2/4; EN 50140/141; EN 61010-1

APPLICATION NOTE



ORDER CODES

Code	Description
Z-3AO	3-CH analog output module / RS485 ModBUS RTU, 10..40 Vdc / 19..28 Vac

ACCESSORIES & SOFTWARE



Z-PC-DIN
Backplane for power & bus communication
pg. 36



Z-SUPPLY
Switching power supply
pg. 36

EASY SETUP
Plug&Play configuration software
pg. 36

SIMILAR PRODUCTS



Z-DAQ-PID
2-CH universal analog I/O module with PID control
pg. 15



Z-8AI
8-CH analog input module / RS485
pg. 17



Z-4-AI
4-CH analog input module / RS485
pg. 16

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