

LUMEL - S4AO ANALOGUE OUTPUT CONVERTER - 4 CHANNEL

S4AO1100E0
 S4AO, RS-485 convertor, 4x 0-20mA Ouputs,85-253V ac, 90-300V dc Supply

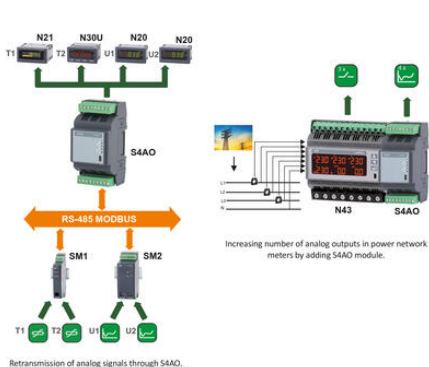
- Conversion of RS-485 MODBUS data into standard analogue signals
- Two independent communication ports
- Possibility to work as Master/Slave
- Master Modbus function dedicated to read out data from RS-485 devices
- Slave Modbus function to set the signal on analog outputs



PRODUCT DESCRIPTION

We are pleased to announce the launch of the Lumel S4AO analogue output converter

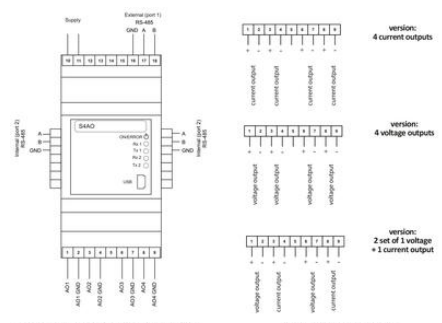
- The output signals are divided into 2 sets of 2 outputs, which are isolated from one another.
- RS-485 and USB ports are isolated from output signals and the supply.
- The module setting can be easily done through USB or one of the RS-485 interfaces using the free e-Con program.
- The main advantages which distinguish our product from other products of the same kind
- Possibility to connect a number modules through RS485 in order to increase the number of analog outputs.
- 2 independent RS-485 ports with Modbus protocol (possibility to work as Master/Slave).
- Master Modbus function dedicated to read out data from other RS-485 devices and to scale analog value.
- Slave Modbus function to set the signal on analog outputs.
- Output work time counter for values above and below a certain threshold.
- The module can be programmed through USB without the need to connect the power supply.
- The module has modular design and is dedicated to be mounted on the S-type rail acc. to EN 62208 (module's width is equal to 3 standard modules). It is perfect to be mounted in a switchboard cabinets.

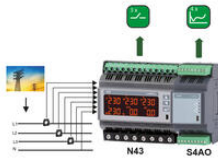


ORDERING CODE:			
S4AO	X	X	X
Outputs:	4 current outputs, 0/4...20 mA	1	
	4 voltage outputs, 0...20 V	2	
	2 sets of 1 voltage + 1 current output: 0...30 V and 0/4...20 mA	3	
	set to customer's requirements*	X	
Supply voltage:	85...253 V a.c., 90...300 V d.c.	1	
	20...40 V a.c., 20...60 V d.c.	2	
Version:	standard	00	
	custom-made*	XX	
Language:	Polish	P	
	English	E	
	czh*		
	usb*		
Acceptance tests:	without extra quality requirements	0	
	with an extra quality inspection certificate	1	
	set to customer's requirements*	X	
	* After agreeing with the manufacturer		

ORDER EXAMPLE:
 Code S4AO - 1100E0 means:
 S4AO - S4AO module
 1 - 4 current outputs 0/4...20 mA
 1 - supply 85...253 V a.c./d.c.
 00 - standard version
 E - English version
 0 - without extra quality requirements

ACCESSORIES:
 • USB CABLE A/miniUSB-B - 1m BLACK, order code: 20-005-00-00150
 • lateral bus inter-module connector, order code: 24-171-01-00016,
 • lateral bus to cable connector, order code: 24-171-01-00017.





Increasing number of analog outputs in power network meters by adding S4AO module.

ORDERING CODE:				
	S4AO	X	XX	X
Outputs:				
4 current outputs, 0/4...20 mA		1		
4 voltage outputs, 0...33 V		2		
2 sets of 1 voltage + 1 current output: 0...30 V and 0/4...20 mA		3		
as per customer's requirements*		X		
Supply voltage:				
85...253 V a.c., 95...300 V d.c.		1		
20...40 V a.c., 20...60 V d.c.		2		
Version:				
standard			00	
custom-made*			XX	
Language:				
Polish				P
English				E
other*				X
Acceptance tests:				
without extra quality requirements				0
with an extra quality inspection certificate				1
as per customer's requirements*				X

* After agreeing with the manufacturer

ORDER EXAMPLE:
 Code: **S4AO - 1100E9** means:
S4AO - S4AO module
1 - 4 current outputs 0/4...20 mA
1 - supply 95...253 V a.c./d.c.
00 - standard version
E - English version
0 - without extra quality requirements

ACCESSORIES:

- USB CABLE A/miniUSB B - 1m BLACK, order code: 20-060-00-00150
- lateral bus inter-module connector, order code: 24-171-01-00016,
- lateral bus to cable connector, order code: 24-171-01-00017.

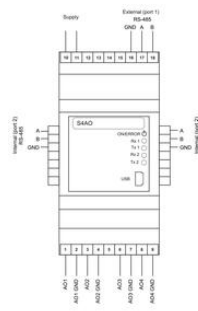


Fig.1 Electrical connections of the S4AO module.

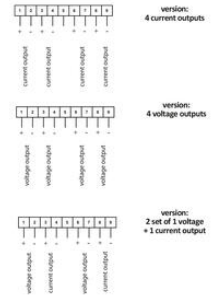


Fig. 2 Analog outputs versions.