

# LUMEL - S4AO ANALOGUE OUTPUT CONVERTER - 4 CHANNEL

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

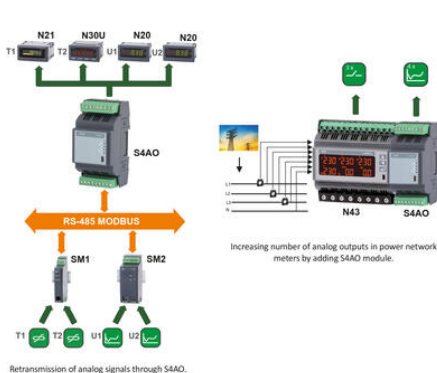


- Conversion of RS-485 MODBUS data into standard analogue signals
- Two independent communication ports
- Possibility to work as Master/Slave
- Master Modbus function dedicated to read out data from RS-485 devices
- Slave Modbus function to set the signal on analog outputs

## 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:	
Outputs:	S4AO X X XX X X
4 current outputs 0/4...20 mA	1
4 voltage outputs 0...30V	2
2 sets of 1 voltage + 1 current output 0...30V and 0/4...20 mA	3
as to customer's requirements*	X
Supply voltage:	
85...253 V a.c., 90...300 V d.c.	1
20...40 V a.c., 20...40 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 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: 20-069-00-00350  
 • lateral bus inter-module connector, order code: 24-171-01-00016,  
 • lateral bus to cable connector, order code: 24-171-01-00017.

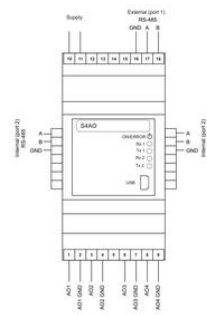


Fig. 1 Electrical connections of the S4AO module.

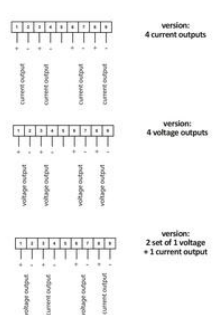


Fig. 2 Analog outputs versions.

