

LUMEL - S4AO ANALOGUE OUTPUT CONVERTER - 4 CHANNEL

S4AO1200E0

S4AO, RS-485 convertor, 4x 0-20mA Outputs, 20-40V ac, 20-60V dc Supply

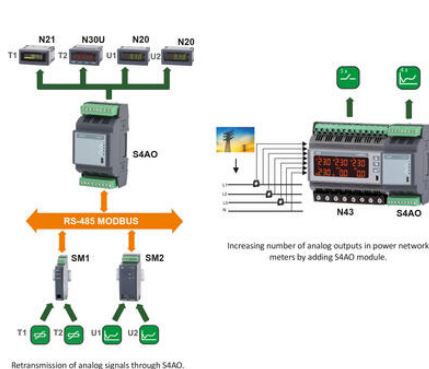
- Conversion of RS-485 MODBUS data into standard analogue signals
- Two independent communication ports
- Possibility to work as Master/Slave
- Master Modbus function dedicated to read out data from RS-485 devices
- Slave Modbus function to set the signal on analog outputs



PRODUCT DESCRIPTION

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

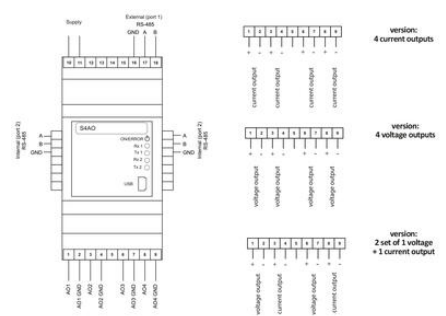
- The output signals are divided into 2 sets of 2 outputs, which are isolated from one another.
- RS-485 and USB ports are isolated from output signals and the supply.
- The module setting can be easily done through USB or one of the RS-485 interfaces using the free e-Con program.
- The main advantages 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.

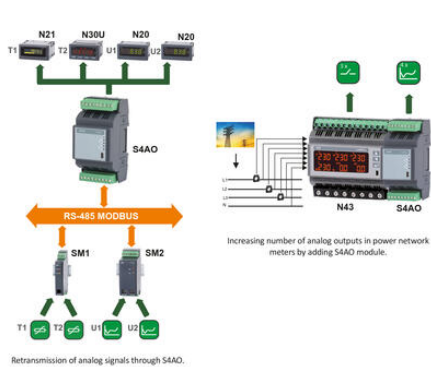


| ORDERING CODE: | | | | |
|--|----|---|---|---|
| S4AO | X | X | X | X |
| Outputs: | | | | |
| 4 current outputs, 0/4...20 mA | 1 | | | |
| 4 voltage outputs, 0...30 V | 2 | | | |
| 2 sets of 1 voltage + 1 current output: 0...30 V and 0/4...20 mA | 3 | | | |
| set to customer's requirements* | X | | | |
| Supply voltage: | | | | |
| 85...253 V a.c./96...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 | | | |
| set to customer's requirements* | X | | | |
| * After agreeing with the manufacturer | | | | |

ORDER EXAMPLE:
Code S4AO - 1100E0 means:
S4AO - S4AO module
3 - 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: 20-060-00-00150
• lateral bus inter-module connector;
order code: 24-171-01-00016,
• lateral bus to cable connector;
order code: 24-171-01-00017.





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

| ORDERING CODE: | | | | |
|--|----|---|----|---|
| S4AO | X | 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 | | | |
| not to customer's requirements* | 5 | | | |
| Supply voltage: | | | | |
| 85...253 V a.c., 50...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 | | | |
| acc. to customer's requirements* | X | | | |
| * - After agreeing with the manufacturer | | | | |

ORDER EXAMPLE:
 Code **S4AO - 110000** 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: 20-060-00-000150
 • lateral bus inter-module connector;
 order code: 24-171-01-00016,
 order code: 24-171-01-00017.

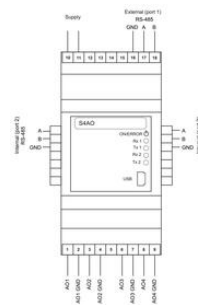


Fig. 1 Electrical connections of the S4AO module.

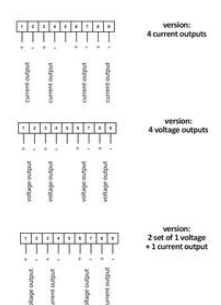


Fig. 2 Analog outputs versions.