

SLS AGR-4/4

The **SLS AGR-4/4** converter is a multiplexer for managing the NMEA 0183 format data. That is a standard used in the maritime navigation systems, meteorological data collection systems, data acquisition devices, etc. The device is capable of the filtration and retransmission of the selected NMEA data items to the selected output ports.



The **SLS AGR-4/4 converter** uses the standard short-circuit protected RS-422 ports to carry the NMEA 0183 data streams of up to the four input devices and four receivers. Each serial port can be set at one of the predefined data speeds - the device provides the data buffering when necessary.

The firmware with the embedded web server provides the flexible data management: combining several streams into the one, data filtering and conversion of the transmission parameters. Therefore, it is possible to connect the different NMEA devices with each other, regardless of their own hardware limitations (the port speed settings etc.).

Also the SLS AGR-4/4 device is able to convert the signal from NMEA 0183 to NMEA over Ethernet.

The USB type B port can be used to monitor the data transmission with the personal computer.

The configuration of the device and the data management are accessible via the built-in web server.

Company website



KenBIT Sp. z o. o.

15/22 Żytnia Street

01-014 Warsaw

Tel: (22) 862 43 80

Fax: (22) 862 43 81

E-mail: kenbit@kenbit.pl

Web: www.kenbit.pl

THE FEATURES OF THE DEVICE

4 NMEA 0183 (RS-422) inputs

4 NMEA 0183 (RS-422) outputs

The power supply circuits for input and output ports for the galvanic separation of power supply

All the ports have the protection circuits (the ESD suppressor/TVS diodes) against the electrostatic discharges

The operating status LEDs for:

- the primary power status
- the secondary power status
- the malfunction of the device
- the USB transmission
- the data reception
- the data transmission

Characteristic	Value
Weight	0,2 kg
Number of inputs (NMEA 0183/RS-422)	4
Number of outputs (NMEA 0183/RS-422)	4
Port USB 2.0 type B	1
Port LAN (Ethernet)	1
The galvanic separation of NMEA 0183 inputs/outputs	1kV
Primary power supply	12-36 VDC
Secondary power supply	12-36 VDC
Power consumption	4 W

Housing dimensions	
Width	88 mm
Height	128 mm
Depth	51 mm



Product website



KenBIT - Headquarters
15/22 Żytnia Street
01-014 Warsaw



KenBIT - Gdynia Branch
210 Chylońska Street
81-007 Gdynia