

SGW1-IA2-MMP

Modbus Multiplexer

SGW1-IA2-MMP will allow you connect up to 3 Modbus ASCII/RTU masters to your Modbus ASCII/RTU slaves transparently.

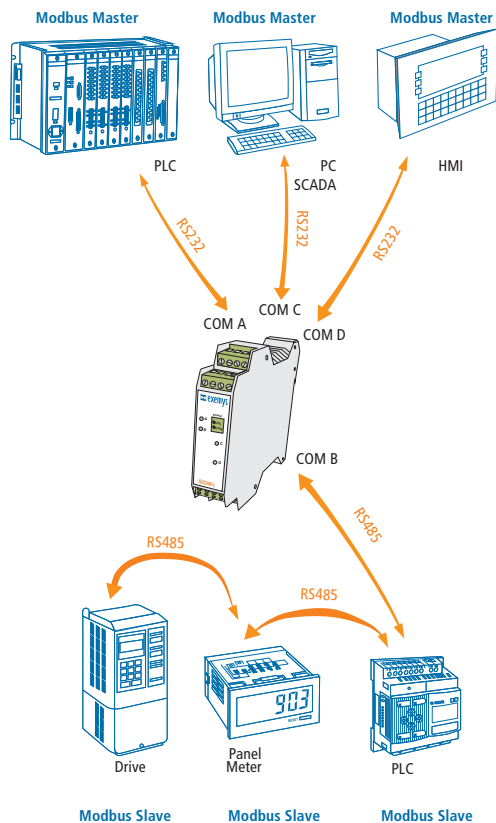


If you have to connect Modbus slaves to more than one master, you need a device like the SGW1-IA2-MMP.

SGW1-IA2-MMP buffers the master's polls giving them priorities, depending which of them came first, and then sends them to the slaves.

Each serial port can be configured with a different baud rate, parity and Modbus protocol (ASCII or RTU). So it is also possible to use SGW1-IA2-MMP as a converter.

Each serial port can be configured individually to connect Masters or Slaves.



FEATURES

- Up to 3 ports to connect Masters.
- Up to 3 ports to connect Slaves.
- No need of registers tables.
- It can be use as a Modbus RTU to Modbus ASCII converter.
- Wide range power supply 9 to 30 VDC, 9 to 26 VAC.
- Easy configuration.
- Industrial pluggable terminal blocks.
- DIN Rail mounting (optional).

For pricing or any further information, please contact Omni Instruments Ltd.



Measurement and data acquisition solutions

Contact Details:

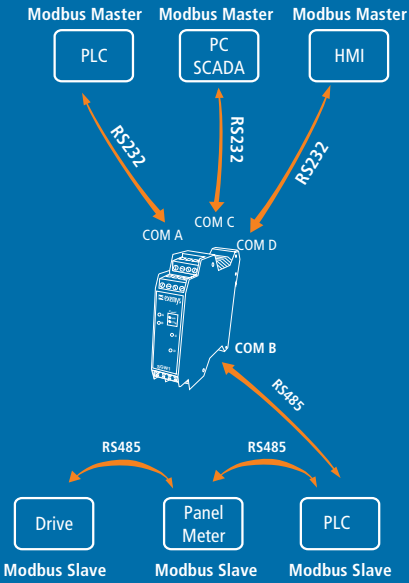
Tel: +44 1382 443000

Email: info@omni.uk.com

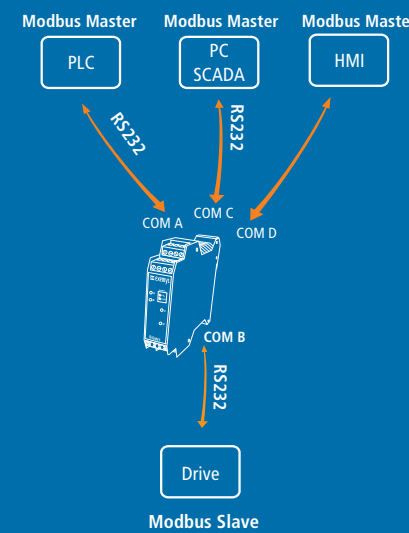
Website: www.omniinstruments.co.uk

Mailing Address: Unit 1, 14 Nobel Road,
Wester Gourdie Industrial Estate,
Dundee, DD2 4UH.

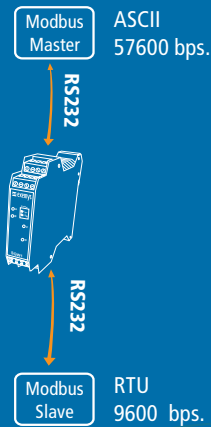
SGW1-3100-ST-MMP



SGW1-4000-ST-MMP



AS A CONVERTER



SPECIFICATIONS

- Serial Protocols:** Modbus RTU / ASCII / ASCII 8 bits
- Serial Interface:** RS232, DB9 Male connector (DTE). RS232 & RS485 in pluggable terminal blocks.
- Devices Supported:** Any Modbus RS232/RS485 serial port device.
- Baud Rates:** 1200, 2400, 4800. 9600, 14400, 19200, 28800, 38400, 57600, 115200
- Modbus Masters:** Up to 3 ports for master devices.
- Modbus Slaves:** Up to 3 ports for slave devices.
- Management:** RS232 serial console.
- Indicators:** Data to slave.
Data from slave.
- Dimension / Weight:** 4.49 x 3.94 x 0.89 in. (HxWxL).
(114 x 100 x 22.5 mm).
0.31 Lbs (0.140 Kg).
- Power Supply:** 9 to 30 Volts DC
9 to 26 Volts AC
200 mA max.
- Enviromental:** Operating temperature: 23 to 149 °F (-5 to 65 °C).
Storage temperature: -40 to 167 °F (-40 to 75 °C).
- Optional Accessories:** DIN rail mount.
- Guarantee / Support:** 1-year limited guarantee. Technical Support included.

ORDERING INFORMATION

PART NUMBER	SERIAL PORTS	
	RS232	RS485
SGW1-310-00-IA2-MMP	3	1
SGW1-400-00-IA2-MMP	4	---
SGW1-130-00-IA2-MMP	1	3

ISO 9001:2000



For pricing or any further information, please contact Omni Instruments Ltd.



Measurement and data acquisition solutions

Contact Details:

Tel: +44 1382 443000
Email: info@omni.uk.com

Website: www.omniinstruments.co.uk

Mailing Address: Unit 1, 14 Nobel Road,
Wester Gourdie Industrial Estate,
Dundee, DD2 4UH.