

Interface Adapter IA100

- ◆ Universal RS485 to RS232 converter
- ◆ Designed for all COMECO devices equipped with RS485
- ◆ Data acquisition from up to 32 net devices
- ◆ Suitable for COMECO "PolyMonitor" software
- ◆ Low cost

The IA100 interface adapter is a simple electronic device, designed to support the "PolyMonitor" multi-point data-acquisition software applicable for configuration and data collecting from a network of various COMECO control devices with RS485 interface and net addresses. IA100 supports up to 32 devices, connected into a RS485 net as well as the RS232 communication with PC or operating station. The information collected during the data-acquisition process can be stored, viewed, printed, and further processed through the "PolyMonitor" program or via customer-developed PC software based on the free communication protocols of the COMECO network devices.

Technical specifications

'Input' interface

Interface type	RS485
Function	net control and data acquisition
Supported net devices	up to 32
Format	8 (data) + 1 (stop), even parity
Baud rate	max. 9600 bps

'Output' interface

Interface type	RS232
Function	connection to PC
Format	8 (data) + 1 (stop), none parity
Baud rate	9600 bps

Software

Data acquisition	"PolyMonitor" ⁽¹⁾
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Accessories

RS485 input cable	custom made
RS232 output cable	K6 ⁽¹⁾

⁽¹⁾ Ordered separately



Power supply

Supply voltage	9 V
Mains adapter (230 VAC)	included
Consumption	max. 90 mA
LEDs	LED for power ON

Operating conditions

Ambient temperature	0...50 °C
Ambient humidity	0...80 %RH

Design and materials

Case material	plastic
Mounting	desktop
RS232 connector	DB9, female
RS485 connectors	RJ14, female and plug-in duplicating connector
Dimensions	72x150x31 mm
Weight	max. 250 g
Protection, front/terminals	IP54 / IP20

Ordering code IA100