

## Interface Adapter / Datalogger IA300 InfoPrint



- ◆ RS485-to-RS232 converter
- ◆ Data acquisition from up to 32 net devices
- ◆ Thermal printer control for up to 8 process graphics
- ◆ Data-logging functions
- ◆ Easy configuration with "InfoPrint" software
- ◆ Convenient indication
- ◆ Attractive price-to-resources ratio

The IA300 interface adapter InfoPrint is an intelligent device designed especially to collect data from different COMECO instruments equipped with RS485 interface and net addresses. IA300 supports up to 32 devices, connected into a RS485 net and combined in 8 groups, thermal serial printer, and RS232 communication with PC. The information collected during the data-acquisition process can be used for:

- printing up to 4 process charts on-line and up to 8 charts off-line;
- data logging in the adapter memory and off-line downloading to PC for further processing.

The IA300 electronics is equipped with 6 LED indicators (for power and communication modes) and convenient keyboard, all mounted in a plastic enclosure with IP54 front protection. All configuration procedures (including real-time clock) can be easily programmed with the "InfoPrint Command Interface" software. With its attractive price and enhanced capabilities, the IA300 interface adapter InfoPrint is a powerful solution for building multi-point monitoring systems.



### 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	4800 bps

#### 'Output' interface

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

#### Functions and configuration

<b>Data acquisition:</b>	
- max. channels	up to 32
- max. device groups	up to 8
<b>Graphics printing:</b>	
- supported printer	serial thermal printer OT801
- max. graphics	4 (on-line), 8 (off-line)
<b>Data logging:</b>	
- memory capacity	32 Kb
- data downloading	to PC via RS232
<b>Configuration software</b>	"InfoPrint Command Interface", free

#### Accessories

RS485 input cable	custom made
RS232 output cable	K6 <sup>(1)</sup>

<sup>(1)</sup> Ordered separately

#### Indication and controls

'On' LED	for power ON
'RS 232 - Comm' LED	for communication to PC/printer OK
'Fail' LED	for communication to PC/printer failed
'Stop/Full' LED	for RS485 stopped or memory full
'RS 484 - Tx' LED	for data transmitting
'RS 484 - Rx' LED	for data receiving
Keyboard	2 membrane keys

#### Operating conditions

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

#### Power supply

Supply voltage	9 VAC/DC
Mains adapter (230 VAC)	included
Consumption	max. 110 mA

#### 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 IA300 - #1.#2

Code	Feature or option	Code values
#1	Thermal printer	X - none, OT - thermal printer OT801 plus RS232 cable and 1 paper roll
#2	Additional paper rolls	X - none, 1...10 - number of additional paper rolls