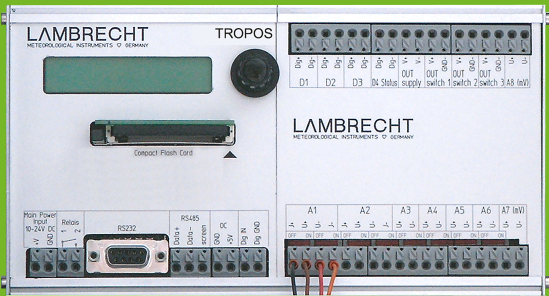


TROPOS-112 DATA LOGGER



Cost-efficient investment

In times when saving is the big issue, LAMBRECHT's TROPOS becomes an ingenious coup. Not only does TROPOS save you energy and costs, you also gain a high degree of flexibility due to its modular structure. Up to 1+12 sensors can be connected for high-level meteorological measurements.

- Cost-efficient investment
- Modular system for a number of classical as well as professional applications
- Centerpiece of a weather station with mains or solar power supply
- Compact Flash Card as central and mobile storage medium
- Data transfer via RS 232, RS 485 (optional) or with other well-known modem types
- Operation by rotary pushbutton switch, LCD and easy-to-use configuration and readout software

APPLICATIONS

- Mobile or stationary weather stations
- Meteorology
- Hydrology
- Industry
- Agriculture
- Research

Professional Line	TROPOS-112
Id-No.	00.95666.500 000 TROPOS-112 (for 13 sensors)
Signal input	1 precipitation reed contact 8 analogue inputs available: 2 of them as Pt 100 • resistance • voltage or current inputs • 4 of them as voltage or current inputs • 2 of them as voltage inputs 4 digital inputs: 3 of them as counter or for frequencies • 1 input for status
Output	4 outputs for sensor power supply: 3 of which are switchable • 1 relay for switching of a communication device (modem) • 1 open collector output for precipitation impulses
Measuring interval	easily adjustable • for single values per channel • for average and extreme values globally
Range of application	-30...+60 °C • 0...100% r. h. • no condensing
Supply voltage	10...24 V
Power consumption	~0.7 W (12 V) (online mode) • ~0.5 W (12 V) (logger mode)
Storage capacity	for 1 year • data storage on Compact Flash Card (CF card)
Data transfer	mobile and wireless via CF card • with cable via interface RS232 or optionally via GSM modem • telephone modem • radio modem • RS485 (optional)
Data evaluation	proven and easy to operate PC evaluation software
Housing	easy to read • 2 lines • 16 characters
Included in delivery	1 CF card as data memory • 1 null modem adapter + connecting cable • 1 CD TROPOS-Commander (configuration and data readout software)