



DATA LOGGER SYSTEM "TROPOS-112/ -124"

for all meteorological parameters of a weather station

TROPOS - the hero of our time ...

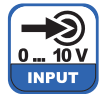
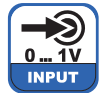
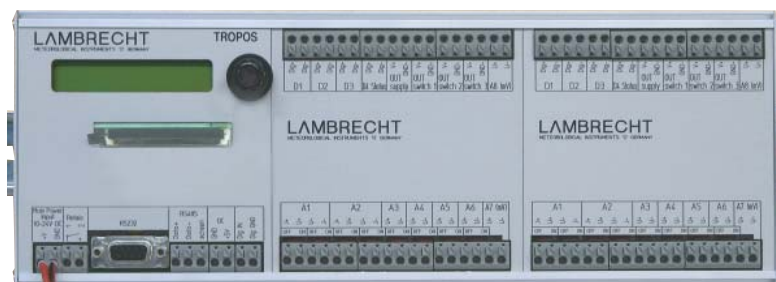
at times in which economizing is a sensitive topic, LAMBRECHT's TROPOS is an ingenious coup.

With TROPOS you not only save energy and money, you gain a large measure of flexibility as a result of its modular structure.

Up to 1+24 sensors can be connected to it for meteorological measurements on a high level.

- ▶ cost-efficient investment in state-of-the-art technology
- ▶ modular system for a number of classical as well as professional applications
- ▶ the core component 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 means of a push-/rotary switch, LCD as well as intuitive configuration and read-out software.

mobile or stationary weather stations • meteorology • hydrology • industry • agrarian • R & D



Standard Line	(95666)	TROPOS-112 Data logger for 1+12 sensors	Id-No. 00.95666.500 000
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)	
1+12 signal inputs:		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	
6 outputs:		4 outputs for sensor power supply: 3 of them switchable • 1 relay for switching of a communication device (modem) • 1 OC open collector output for precipitation impulses	
Virtual channels:		configurable	
Measuring intervals:		easy adjustable • for single values per channel • for average and extreme values global	
Ring buffer:		for 1 year • data memory Compact Flash Card (CF card)	
Display:		easy to read • 2-lines • 16 characters	
Operation:		via software TROPOS-Commander at a PC • via push-/ rotary switch on TROPOS	
Data transfer:		mobile and wireless via CF card • with cable via interface RS232 or optional via GSM modem • telephone modem • radio modem • RS485 (optional)	
Data evaluation:		proven and comfortable PC evaluation software "MeteoWare..." (option)	
Basic volume:		1 data logger TROPOS • 1 CF card as data memory • 1 null modem adapter + connecting cable • 1 CD TROPOS-Commander (configuration- and data readout software)	
Variety:			
00.95666.600 000	(95666)	TROPOS-124 - The data logger for 1+24 sensors	



DATA LOGGER "TROPOS-100"

for all precipitation sensors

One day without rain - ...

normally a beautiful day!

With the TROPOS-100 Data Logger even rainy days are certain.

TROPOS-100 for reliable, continuous or event-controlled registration and linearization of precipitation quantities.

A day without rain remains invisible so that both the storage requirement and energy consumption can be reduced to a minimum.

- ▶ compact data acquisition device
- ▶ cost-efficient investment in state-of-the-art technology
- ▶ for simple top hat rail mounting
- ▶ Compact Flash Card as central and mobile storage medium
- ▶ data transfer via RS 232, RS 485 (optional) or with other well-known modem types
- ▶ simple system configuration using the TROPOS COMMANDER Software

precipitation measuring networks • stationary measuring stations • agriculture and forestry • barrages • sewage plants • severe weather warnings



Standard Line	(95666)	TROPOS-100 Data logger for precipitation sensors	Id-No. 00.95666.100 000
Range of application:		-30...+60°C • 0...100% r. h. • no condensing	
Supply voltage:		10...24 V	
Power consumption:		at 10 minutes average ~ 0.036 W (12 V) at 1 minute average ~ 0.12 W (12 V)	
In-/ outputs:		1 reed contact / 1 open collector	
Measuring intervals:		easy adjustable • for single values resp. for average and extreme values	
Ring buffer:		for 1 year • data memory Compact Flash Card (CF card)	
Display:		easy to read • 2-lines • 16 characters	
Operation:		via software TROPOS-Commander at a PC • via push-/ rotary switch on TROPOS	
Data transfer:		mobile and wireless via CF card • with cable via interface RS232 or optional via GSM modem • telephone modem • radio modem • RS485 (optional)	
Data evaluation:		proven and comfortable PC evaluation software "MeteoWare..." (option)	
Basic volume:		1 data logger TROPOS • 1 CF card as data memory • 1 null modem adapter + connecting cable • 1 CD TROPOS-Commander (configuration- and data readout software) and software "MeteoWare-Rain" (basis version)	