DATA LOGGER

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

PRECIPITATION SENSOR

PULSE INPUT

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)	