PRODUCT-VIEW

LAMBRECHT meteo

AN aem BRAND

Ser[LOG] DATA LOGGER

VERSATILE

METAL MATERIAL

ANALOG DIGITAL

DATA LOGGER

ROBUST



The powerful data logger

The Ser[LOG] collects your weather data (wind, precipitation, air temperature, relative humidity, air pressure and radiation) in a single place and provides real-time visualization. The Ser[LOG] Commander management app gives you maximum freedom to customize your measurement tasks.

Overview:

- Collect and process up to 60 measured values with Modbus RTU
- Up to 32 Modbus TCP connections with sensors from other manufacturers
- Alarm system for 10 warning channels using built-in and external relays (e-mail, SMS)
- Extensive sensor library
- Formulary and free formula parser
- Interference-proof due to high-quality, shielded aluminium housing
- User-friendly with free access to all connections and controls

APPLICATIONS

- Environmental and agricultural networks
- Meteorology
- Universities
- Authorities
- Industry
- Health resorts
- Air traffic control

Professional Line	Ser[LOG]
Id-No.	00.95770.000000
Resolution	16 bit ADC with up to 1024-ti mes oversampling • processing in 8-byte IEEE real format
Signal input	COM5 also available as SDI12 • 2 status inputs
Output	2 potential-free, programmable relays • with max. 8 Modbus relays expandable to 10 relays
Interface	5 x RS 485 · 6 x RS 422 · 4 x RS 232 · USB-Device · USB-Host · Ethernet
Operating conditions	-30...+70 °C • 5...95 % r. h. (not condensing)
Supply voltage	10...30 VDC
Current consumption	from 34 mA (12 V) up to 200 mA (12 V) depending on configuration
Storage capacity	1 year in ring memory (8-byte IEEE real format) - configuration-independent
Data transfer	communication paths (see overview "Communication Ser[LOG]"; download on product page)
Ethernet	100 MBit • connector RJ45
Dimensions	135 x 135 x 72 mm
Weight	approx. 0.9 kg
EMC standards / Electrical safety	IEC 60945 • RS422 and RS485 up to 2.5 kV isolated • all interfaces with 15 kV ESD protection
Included in delivery	USB cable, Ser[LOG] Commander management app

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