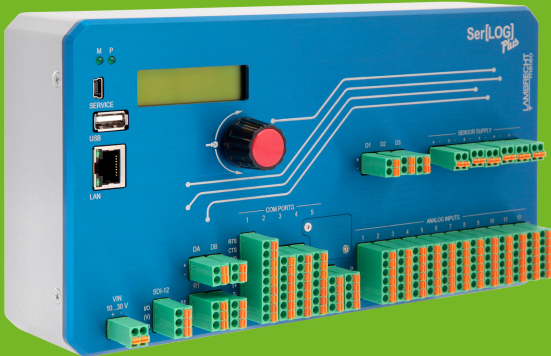**LAMBRECHT**
meteo

AN **aem** BRAND

Ser[LOG] Plus   DATA LOGGER

One for all

Ser[LOG] Plus is the most versatile data logger. Due to its convertibility through configuration and scaling, you can easily adapt the Ser[LOG] Plus to the specific challenges of your daily measurement tasks.

Overview:

· Serial and analog sensors connectable
· Handles up to 60 parameters
· Many state-of-the-art communication interfaces
· Extensive sensor library, can be freely configured and scaled by the user
· Formula collection and free formula parser
· Alarm system for 10 warning channels using built-in and external relays
· Wide range of options for exchanging information
· Interference-proof due to shielded aluminum housing
· User-friendly with free access to all terminals and controls

APPLICATIONS

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

Professional Line	Ser[LOG] Plus
Id-No.	00.95770.100000
Resolution	16 bit ADC (SAR) with up to 1024-ti mes oversampling • Processing in 8-byte IEEE real format
Signal input	SDI12 • 12 analog/ 5 digital inputs
Output	2 potential-free, programmable relays • via Modbus expandable to 10 relays
Interface	4 x RS 485 · 5 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 133 mA (12 V) up to 350 mA (12 V) depending on configuration
Storage capacity	1 year in ring memory (8-byte IEEE real format) – not depending on configuration
Data transfer	communication paths (see overview
Ethernet	100 MBit • connector RJ45
Dimensions	125 x 238 x 72 mm
Weight	approx. 1.3 kg
Standards	EMC: IEC 60945
Included in delivery	USB cable · Ser[LOG] Commander management app

As of: 29.02.2024