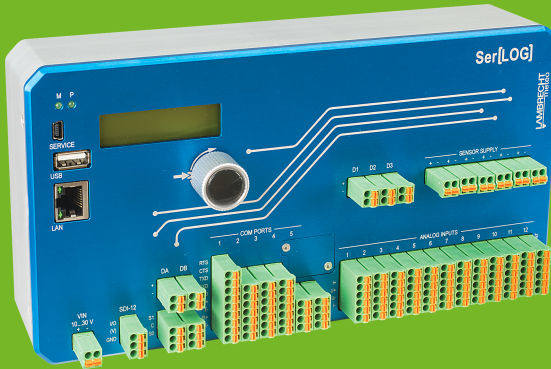


Ser[LOG]Plus DATA LOGGER



Outstanding versatility and performance...

Outstanding versatility and performance for your professional meteorological data acquisition. Ser[LOG]Plus is more than just a data logger: Due to its versatility by configuration and scaling you can adjust Ser[LOG]Plus to the specific challenges of your daily measurement tasks.

Ser[LOG]Plus is multi functional and grows with its requirements: The data logger can be expanded to a total of 3 measuring modules and processes up to 60 parameters. Ser[LOG]Plus is particularly communicative: up to 30 data transmissions at the same time are possible.

- extensive sensor library, freely configurable and scalable by user
- formulary and free formula parser
- integrated alarm system for 10 alarm outputs via built-in and external relays, email, SMS
- various possibilities of information exchange
- EMI resistant by shielded aluminium housing
- user-friendly with free access to all connections and controls

APPLICATIONS

- Meteorology
- environmental and agricultural monitoring networks
- water management
- industry
- measurement and control technology
- spas
- airports
- authorities applications

Professional Line	Ser[LOG]Plus Data logger
Id-No.	00.95770.100000
Resolution	16 bit ADC (SAR) with up to 1024-times oversampling • Processing in 8-byte IEEE real format
Signal input	SDI12 • 12 analog/ 5 digital inputs • expandable to: 36 analog/ 11 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 (please see Communication Ser[LOG])
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 • Management App Ser[LOG]-Commander

As of: 20.10.2020