PRODUCT-VIEW

LAMBRECHT meteo

AN aem BRAND

Ser[LOG] DATA LOGGER

ROBUST

ANALOG DIGITAL

METAL MATERIAL

VERSATILE

Data loggers for serial sensors

The Ser[LOG] system family allows you the greatest possible freedom for customizing your measurement tasks: extensibility due to modular design, high flexibility due to a variety of configuration options and many possibilities through state-of-the- art communication interfaces

Ser[LOG] can be extended to a total of 3 AnDiMod analog/digital measuring modules. Available then up to 36 differential analog channels and 11 digital channels.

- extensive sensor library
- formulary and free formula parser
- integrated alarm system for 10 alarm outputs via built-in and external relays, email, SMS
- interference-proof due to high-quality, 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]
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 (please see Communication Ser[LOG])
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 · configuration software Ser[LOG]-Commander

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