

Indicator

VarioLog

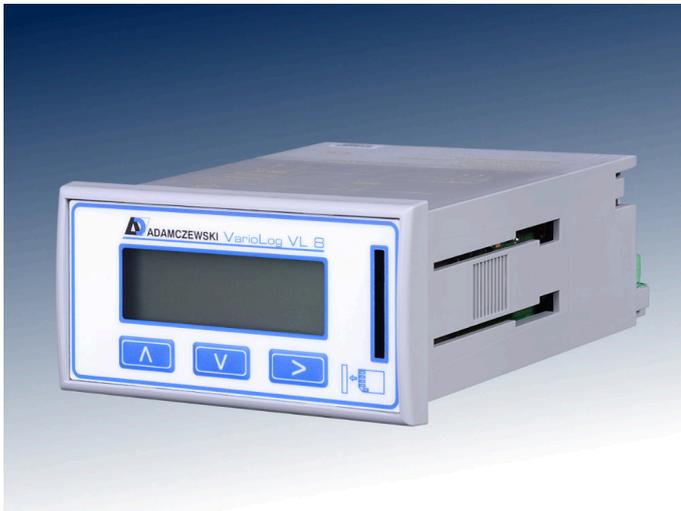
AD-VL 8 A1
AD-VL 8 A4
AD-VL 8 A8

Description

The VarioLog AD-VL 8 is used for the visualization of up to 8 independently parameterizable analog signals with simultaneous data logger function of all channels. Each channel has a current/voltage input and can be freely scaled. There are different types of display, including a trailing indicator function (display of the highest and lowest value). Several linearization functions and a table with 24 x/y points enable signal adaptation to non-linear signal sources, e.g. to display volume versus height. A scale display unit can be selected from a list. A measured value is displayed as a number and can also be represented by a quasi-analog bar. All parameters can optionally be programmed and archived via PC (AD Studio). The recorded measured values can be recorded for each channel in freely adjustable storage cycles on an SD memory card. In addition, trigger thresholds are possible for starting the storage function, with one channel triggering any other channel.

Application

Display of up to 8 independent analogue input signals in freely scalable dimension and unit.



Specific characteristics

- Wide range power supply
- scalable analog displays
- graphic display of measured values
- presettable counters
- rolling channel display
- Drag pointer function
- free linearization tables
- definable channel names
- predefined unit list

Business data

Order number

AD-VL 8 A1
AD-VL 8 A4
AD-VL 8 A8

Technical specifications

Current inputs

Range 0 ... 20 mA
Input resistance 120 Ohm

Voltage inputs

Range 0 ... 10 V
Input resistance 100 kOhm

Counter

Range 0 ... 20 mA; 0 ... 10 ... 24 V
Input resistance I: 120 Ohm; U: 100 kOhm
Switching thresholds adjustable
Frequency < 2 Hz

Display

Graphic-LCD 122x32 Pixel, background lit
Digital display 5-digit, can be configured

Accuracy

Unit 0,3%
Resolution 10 Bit
Temperature influence < 100 ppm / K
Update rate 1 s

Supply

Supply voltage 20 ... 253 V DC / 50 ... 253 V AC
Max. power consumption 2 W / 4 VA

Interface

Software AD-Studio
Connection cable Klinkenkabel
Converter AD-Vario-Pass-3
Protocol AD-UART
Data format 19200, e, 8, 1

Data logger

Storage medium SD- oder MMC-Card <= 2GB
Disk formatting FAT, FAT12, FAT16
Log files daily files, text

Housing

Dimensions (WxHxD) 96 x 48 x 136 mm³
Type of protection IP 20
Connection method Pluggable screw terminal
Terminals, wire cross section 1,0 mm² Strand with wire end ferrule / 1,5 mm² one wire
Bolting torque terminals 0,6 Nm
Skinning length 6 mm
Weight ~ 280 g
Manner of fastening 35 mm DIN rail, EN 50022

Environmental conditions

Ambient temperature -10 ... +50 °C
Storage and transport -10 ... +70 °C (no condensation)



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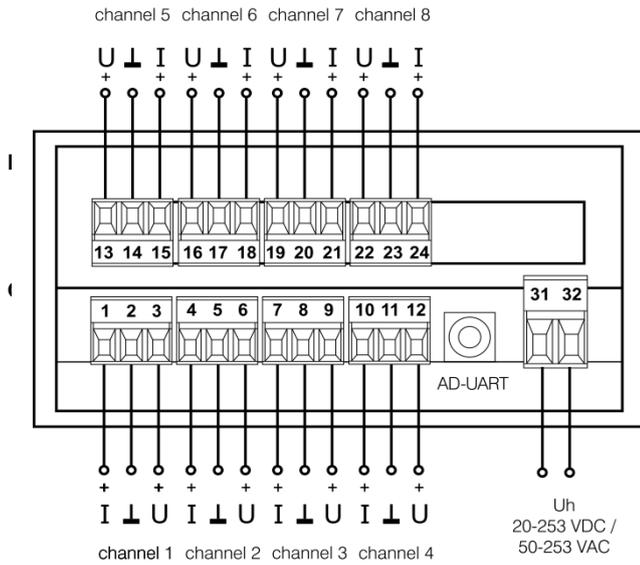
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Technical specifications

Block and wiring diagram

EMC



Dimensions

