

# VarioLog<sup>®</sup> Indicator and Data-logger

## AD-VL 8

### Description

The VarioLog AD-VL 8 serves the visualisation of up to 8 independently parameterized analogue signals, which can be initialized independently with simultaneous data logger function of all channels. Each channel has a current input and a voltage input and can be completely freely scaled.

There are the most diverse types of indication, the measuring value, for instance, is illustrated as a number or via a quasi-analogue bar. The measuring values can, for each channel, be recorded in freely adjustable memory cycles and recorded on a SD-memory board. Furthermore, trigger thresholds for the start of the memory function are possible (with this, one channel can also trigger another chan.).

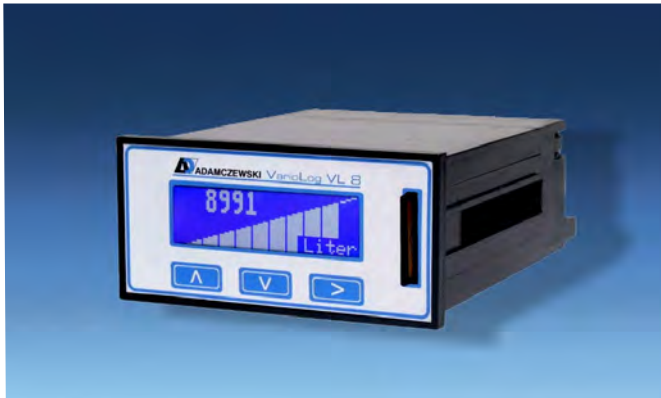
All parameter can also be operated or saved via a PC. An integral electronic wide range power pack allows operation in a supply range of 20-253 VAC and 50-253 VAC.

### Overview of Types

AD-VL 8 A1 (1-chan.); AD-VL 8 A4 (4-chan.); AD VL8 A8 (8-chan.)

AD VL8 A4-S (4-chan. with integrated transmitter supply)

AD VL8 A4-G (4-chan. with galvanic isolated inputs)



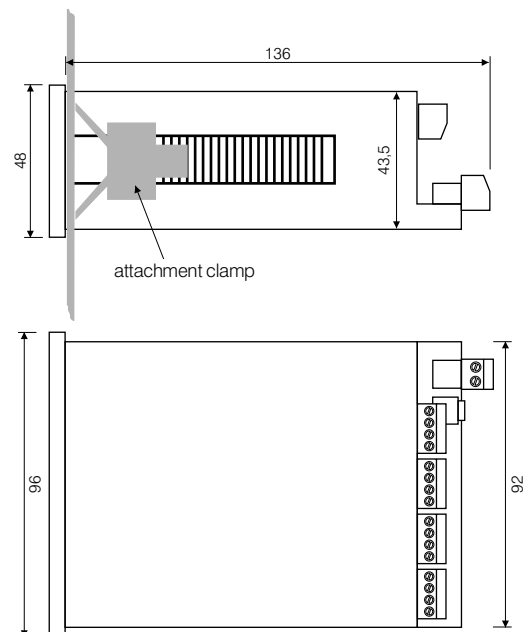
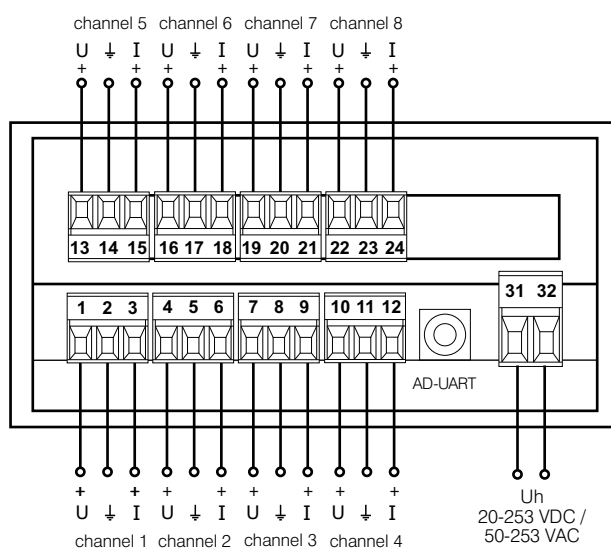
### Application

Indication and saving of up to 8 independent analogue input signals in freely scaleable dimension and unit with extensive data logger function on memory board.

### Specifications

construction type	panel-mount case 48x96 mm front to control panel: IP 20 / rear: IP 20
power supply	wide-range 20-253VDC and 50-25 VAC internal galvanical separated
power consumption	approx. 4 VA resp. 2 W
input	up to 8 current (max. 20 mA) or voltage (max. 10V) signals
resolution	10 bit
input impedance	current: 120 Ohm; voltage: 100 kOhm
transmitter supply	approx. 20 VDC no-load operation approx. 17 VDC with 20 mA limited to 25mA/channel
features	- independent indication and data storage (data logger function) of each channel - free physical scaling - linearization over 24 x/y points - follow-up pointer function - number or quasi-analogue indicator - individual channel notation
interface	AD-UART
memory drives	SD- or MMC card (max. 2 GB)
protective system	input/power-supply: against over voltage, over current and over heating
CE-conformity	EN 61326
ambient temperature	0 to 50°C
PLEASE NOTE, the channels have a common minus!	

Connection diagram and dimension: AD-VL 8



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