Indicator

VarioShow

AD-VS 8 A1
AD-VS 8 A4
AD-VS 8 A8

Description

The VarioShow AD-VS 8 serves the visualisation of up to 8 analogue signals which can be initialized independently. Each display channel has a current input and a voltage input and can be sized completely freely. There are the most diverse types of indication, amongst others a drag pointer function (display of the highest and lowest values) and a linearization over 24 x/y points, to show volume above the height, for instance. The physical dimension can be selected from a table. The measuring value is illustrated as a number or with a quasi-analogue bar. All parameter can also be operated or saved via a PC (AD-Studio).

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-VS 8 FE-A1
AD-VS 8 FE-A4
AD-VS 8 FE-A8

Information

Downloads

Instruction manual	man-vs8-ad-en.pdf
Tender text	vs8.zip
Safety instructions	ad-safety-instructions.pdf

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% of full scale
Resolution	10 Bit
Temperature influence	< 100 ppm / K of full scale
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
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	panel-mounting
Front panel cut out	92 x 44 mm
Environmental conditions	
Ambient temperature	-10 ... +50 °C
Storage and transport	-10 ... +70 °C (no condensation)

SALES & ADVICE
GRUBATEC MESS- UND REGELTECHNIK

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Subject to technical changes and printing errors.

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Technical specifications

EMC

Product family standard	EN 61326-1
Emitted interference	EN 55011, CISPR11 Cl. B, Gr. 1 In a critical EMC environment, shielded encoder cables are recommended.

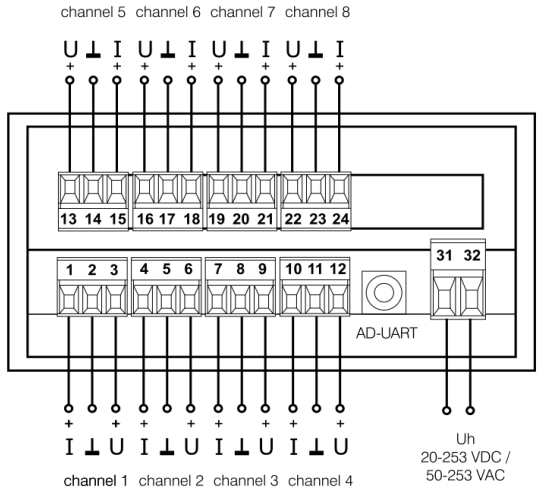
Electrical safety requirements

Product family standard	EN 61010-1
Overvoltage category	II
Pollution degree	2

Galvanic isolation, test voltages

Input	no separation
Signal/auxiliary voltage	3 kV RMS 50 Hz (1 min.)

Block and wiring diagram



Dimensions

