

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)



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.

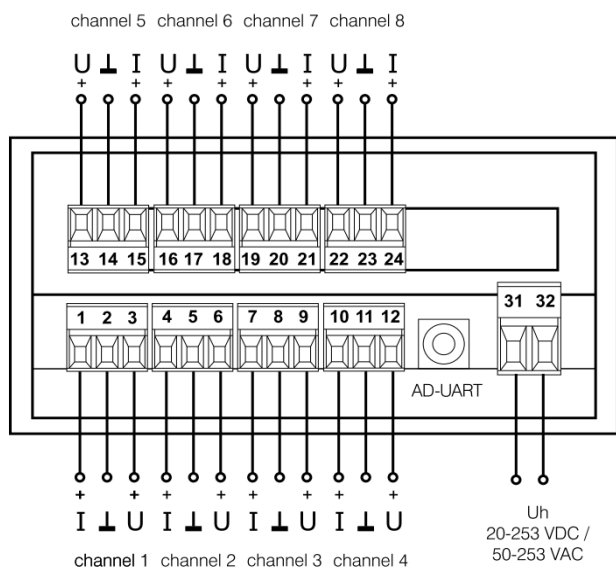
Electrical safety requirements

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

