

VD6 - Analogline 1 Channel Vacuum Display and Control Unit

Absolute Pressure 1400 to 1×10^{-4} mbar



Features of the Analogline Controller VD6

- 1 measuring channel and
- 2 independent relay switch points (switch-over), adjustable over the entire range
- Can be combined with all 4-20 mA Analogline transducers
- Long cable runs possible
- Intuitive operation
- Large, high-contrast LED-display
- Foil-protected front panel
- DIN case 96 x 48 mm for panel mounting
- Pressure display in mbar, Torr
- 2 potential-free relay switches
- Two- or three-step control
- EMI compatible
- Adjustable gas type correction factor
- USB interface for process documentation and setpoint programming
- VacuGraph software: Documentation and evaluation of vacuum processes, programming set points and remote control
- On demand the controller can be configured ex works according to the customer's requirements

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Technical Data

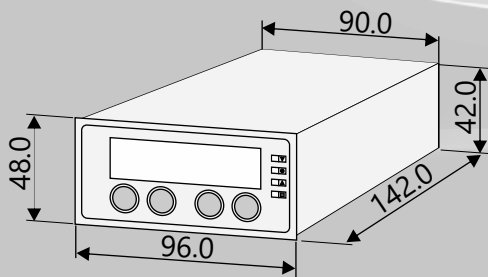
Suitable Vacuum Transducers	VCC200MA4, VSC43MA4, VSP63MA4
Display	LED, 13 mm, max. 4 1/2 digits, display unit mbar (Torr on request)
Display Refresh Rate	2 Hz (0.5 s)
Sample Rate	20 Hz (50 ms)
Power Supply	VD6S2230: 230 VAC, 50/60 Hz VD6S2115: 115 VAC, 50/60 Hz
Power Consumption	Max. 3.5 W
Fuse	VD6S2230: 100 mA/T VD6S2115: 200 mA/T
Operating Temperature	+5...+50°C
Storage Temperature	-20...+60°C
Signal Input	4 - 20 mA, SubD, 9-pole, female e.g. f. transmitter VSC43MA4, VCC200MA4 or VSP63MA4
Switching Outputs	2 x relay contact, potential free change-over switches, Phoenix strip terminal 3-pole each: 2 A / 250 VAC, 1 A / 30 VDC (normal closed) 5 A / 250 VAC, 5 A / 30 VDC (normal open)
Analog Output	0-1 V or 0-10 V
Serial Interface	Mini-USB, type B, Virtual Com Port protocol
Protection Class	IP20
Weight	410 g

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Dimensions in mm



Model designations

- VD6S2115
For mains supply 115 VAC/ 3.5W
- VD6S2230
For mains supply 230 VAC/ 3.5W

Sets

- VD62P230 (1400 - 1 mbar)
Set 230 V, consisting of controller
VD6S2230, transducer VSC43MA4 and measuring cable 2 m
- VD64P230 ($1000 - 1 \times 10^{-4}$ mbar)
Set 230 V, consisting of controller
VD6S2230, transducer VSP63MA4 and measuring cable 2 m

Accessories:

- VGR
VacuGraph software for Windows
- WUSB0002
PC cable USB, shielded, 2 m

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