



Vacuum Display and Control Unit

Absolute Pressure 1400 - 0,001 mbar (Torr)

VD6

This universal vacuum indicator and controller is designed for panel mounting.

It is available as complete set with Thyracont transducer type VSC42MA4 (1400 - 1 mbar) or with transducer type VSP52MA4 (1000...20 - 0.001 mbar).

A relay monitor on the front panel allows continuous operation control of the two switchpoints.



Typical Applications

- ▶ Industrial vacuum plants
- ▶ Vacuum furnaces
- ▶ Specialty machinery
- ▶ Analysis instruments
- ▶ Packaging machines
- ▶ Chemical engineering

Your Benefits

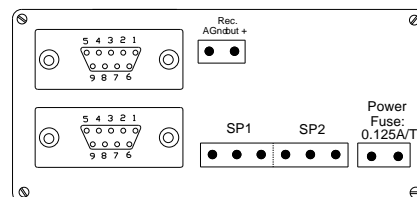
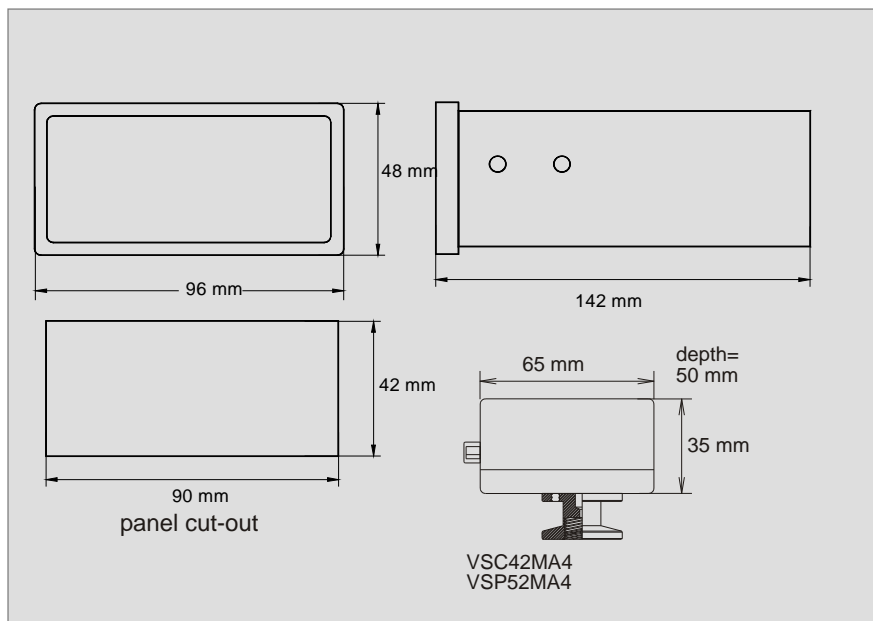
- ▶ Foil-protected front panel
- ▶ Available as complete set for different measurement ranges
- ▶ Thyracont-transducers with 4-20 mA signal output allow the use of long cables
- ▶ DIN case 96 x 48 mm for panel mounting
- ▶ Easily adaptable to customer-specific solutions
- ▶ Recorder output 0-1 V
- ▶ Serial interface RS232 for process documentation
- ▶ Intuitive operation
- ▶ Large, high-contrast LED-display
- ▶ 3-state-control: 1 setpoint with 2 relay switchpoints (switch-over), adjustable over the whole range
- ▶ For individual solutions also available as OEM-version
- ▶ VacuGraph-Software for documentation and evaluation of process courses



Vacuum Display and Control Unit

Absolute Pressure 1400 - 0,001 mbar (Torr)

VD6



Technical Data

| | |
|-------------------------|--|
| Measurement Range | VD62-34 1400-1,0 mbar VD64-30: 20-0,001 mbar |
| Display Resolution | floating point: 3 1/2 digits |
| Accuracy | depending on transducer type, additionally 0,06%f.s +/- 1 digit (VD62-34) 0,3% f.s +/- 1 digit (VD64-30) |
| Measuring Rate | 20 ms |
| Operating Temperature | 0 ... 40°C |
| Storage Temperature | -20 ... +60°C |
| Power Supply | 230 VAC 50/60 Hz alternatively 115 VAC 60Hz |
| Power Consumption | ca. 3,5 W incl. transducer |
| Transducer Power Supply | 15 VDC, integrated power supply |
| Signal Input | 4-20mA |
| Interface | serial, RS232 |
| Analog Output | 0 - 1,0 V , 1mV/mbar with VSC42 50-1000mV with VSP52 acc. characteristic |
| Switchpoint | switch-over-relay, 2 A, 250 VAC |
| Display | 7-segment LED, 13mm, green |
| Weight | 470 g |

Article Numbers

► VD62P (1400-1 mbar)

Set, consisting of controller VD62-34, transducer VSC42MA4 and measuring cable 2 m

► VD64P (1000..20-0,001 mbar)

Set, consisting of controller VD64-30, transducer VSP52MA4 and measuring cable 2 m

Accessories:

► W0900002

Measuring cable, shielded, 2 m

► W0900006

Measuring cable, shielded, 6 m

► W080002

PC-cable RS232, 2 m

► VGR

VacuGraph Windows-Software