

Operating Instructions

PC operation VEGABAR 12



Document ID:
35584

VEGABAR12

Sensor data

Serial number:

Device type:

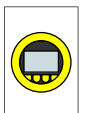
Measuring range: up to bar

Adjustment: up to bar

Pressure type:

Software Rev. :

Indication
and adjustment



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1 About this document

1.1 Function

This operating instructions manual provides all the information you need for installation and commissioning. Please read this information before setting up the instrument and keep this manual accessible in the immediate vicinity of the device.

1.2 Target group

This operating instructions manual is directed to trained qualified personnel. The contents of this manual should be made available to these personnel and put into practice by them.

1.3 Symbolism used



Information, tip, note

This symbol indicates helpful additional information.



Caution: If this warning is ignored, faults or malfunctions can result.

Warning: If this warning is ignored, injury to persons and/or serious damage to the instrument can result.

Danger: If this warning is ignored, serious injury to persons and/or destruction of the instrument can result.



Ex applications

This symbol indicates special instructions for Ex applications.



List

The dot set in front indicates a list with no implied sequence.



Action

This arrow indicates a single action.



Sequence

Numbers set in front indicate successive steps in a procedure.

2 For your safety

2.1 Authorised personnel

All operations described in this operating instructions manual must be carried out only by trained specialist personnel authorised by the plant operator.

During work on and with the device the required personal protective equipment must always be worn.

2.2 Appropriate use

The PC operation VEGABAR 12 allows data to be read out of the instrument and adjustment data to be saved in the instrument.

2.3 Warning about misuse

Inappropriate or incorrect use of the instrument can give rise to application-specific hazards, e.g. vessel overfill or damage to system components through incorrect mounting or adjustment.

2.4 General safety instructions

Installation and use of the software are carried out at your own risk. We do not accept liability for consequential damage.

2.5 Environmental instructions

Protection of the environment is one of our most important duties. That is why we have introduced an environment management system with the goal of continuously improving company environmental protection. The environment management system is certified according to DIN EN ISO 14001.

Please help us fulfil this obligation by observing optional the environmental instructions in this manual.

3 Product description

3.1 Configuration

Scope of delivery

The scope of delivery encompasses:

- Data carrier with software PC operation VEGABAR 12
- Connection cable PC - VEGABAR 12
- Interface adapter
- Documentation
 - this operating instructions manual

3.2 Principle of operation

PC operation VEGABAR 12 allows the following functions:

- Read out current data from device
 - Serial number
 - Measuring range
 - Adjustment
 - Pressure type
 - Software version
- Save min./max. adjustment data in device

3.3 Storage and transport

Packaging

The packaging consists of easily separable monomaterials. These materials are environment-friendly and recyclable. Dispose of the packaging material via specialised recycling companies.

Storage and transport conditions

No special storage and transport conditions are necessary.

4 Installation

4.1 System requirements

Pentium 500 MHz or higher, min. 128 MB RAM, 200 MB free memory, Windows 2000/XP/Vista, Internet Explorer 6.0 or higher, resolution 1024 x 768 or higher, Microsoft compatible mouse, RS232 interface.

4.2 Install software

- 1 Before installation, all running programs should be exited.
- 2 Insert the CD, the installation program will be started automatically. If the CD does not start automatically, the installation can be started by a double click to the file "*autorun.exe*".

5 Operation

5.1 Connecting the PC

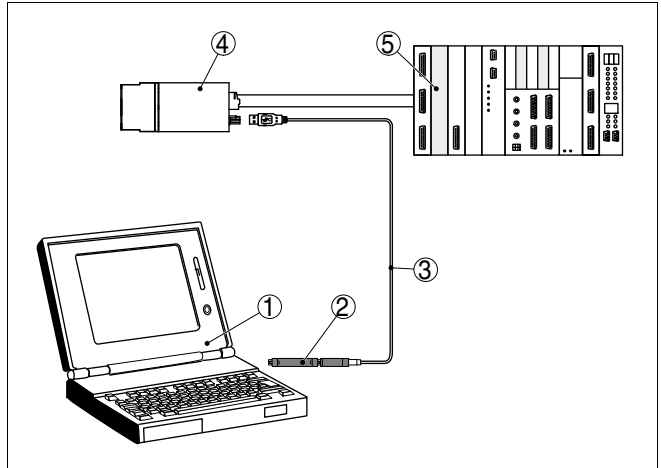
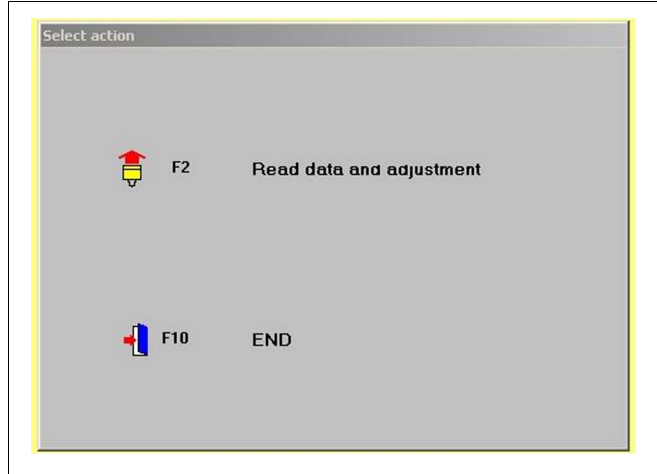


Fig. 1: Connection of the PC to VEGABAR 12

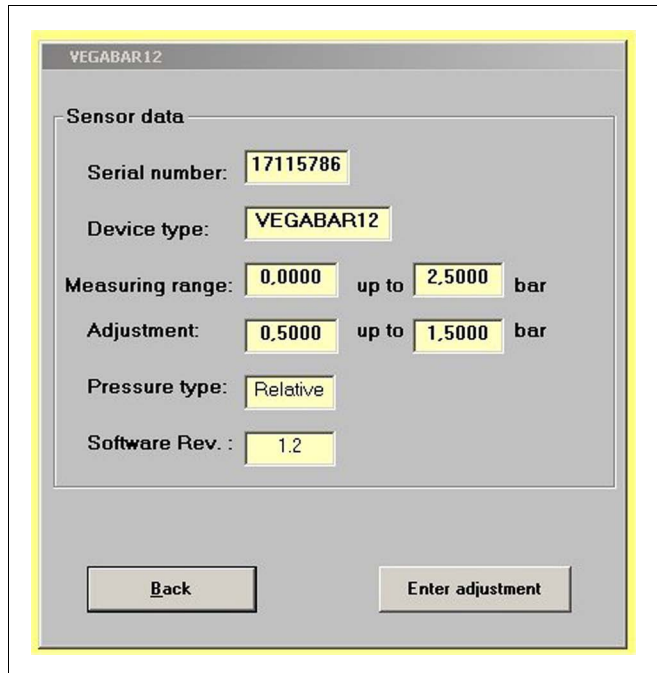
- 1 PC mit Software PC-Bedienung VEGABAR 12
- 2 Interface converter
- 3 Connection cable
- 4 VEGABAR 12
- 5 Processing system/PLC/Voltage supply

5.2 Start PC operation

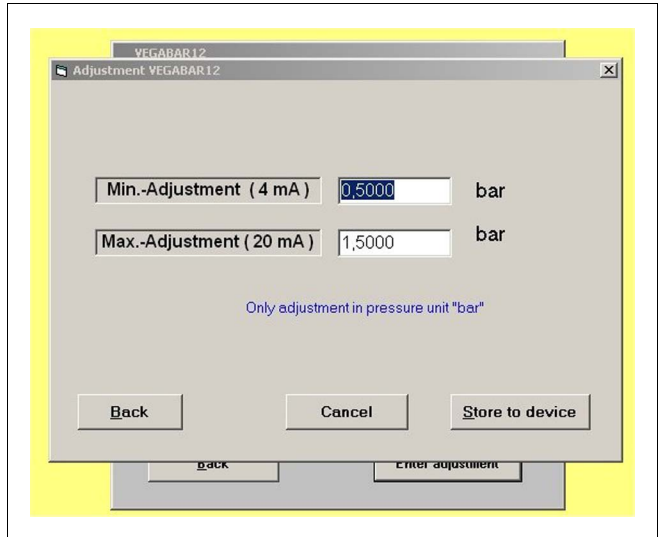
Start the PC operation of "VEGABAR 12" via the Windows start menu. The program window "Select action" opens.



First of all, select "Read Data and Adjustment". Sensor data will be loaded, the window "Sensor Data" appears.



Check by means of the data if the correct instrument is connected. Then select "Enter Adjustment". The menu window "Adjustment" will be opened.



Enter the pressure values for "Min.- Adjustment" (4 mA) and "Max.- Adjustment" (20 mA) in bar. Confirm the setting with "**Store to device**". The data will be loaded into the sensor.

6 Maintenance and fault rectification

6.1 Maintenance/Update

PC operation VEGABAR 12 is virtually maintenance-free. Software updates are available in certain cases for fault rectification or integration of new functions. For further information see our homepage: www.vega.com.

6.2 Remove interferences

Depending on the fault, PC operation may generate its own error messages with appropriate explanations.

7 Deinstallation of PC operation

7.1 Deinstallation procedure

If you want to remove PC operation VEGABAR 12 from your PC, please proceed as follows:

- 1 Select item "*Software*" in the Control Panel (can be reached via "*Start - Settings - Control Panel*").
- 2 Select "*VEGABAR 12*" from the list and push the button "*Modify/Remove*".
- 3 Carry out the deinstallation in the way suggested by the assistant and complete the procedure with a Windows restart.

7.2 Disposal

Please dispose of the data carriers and the packaging material via specialised recycling companies.

8 Supplement

8.1 Technical data/System requirements

Hardware

Processor	Intel Pentium/AMD min. 500 MHz
Memory	min. 128 MB RAM
Hard disk	min. 200 MB free memory
Mouse	Microsoft-compatible
Resolution of the graphic	min. 1024 x 768
Interface	RS232

Software

Operating system	Windows 2000/XP/Vista
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8.2 Licence agreements

8.2.4

§ 1 Supplement to existing regulations

§ 1.1 Transfer of perils with electronic communication media

The following paragraphs supplement the general sales, delivery and payment conditions of VEGA with the specific points for software products. Existing points remain unaffected by additions. The general sales, delivery and payment conditions are available in the Internet under www.vega.com/agb.

§ 1.2 Transfer of perils with electronic communication media

When software is transferred via electronics communication media (for example and in particular via the Internet) the transfer of perils to the buyer takes place when the software leaves VEGA's sphere.

§ 1.3 Liability for faulty goods

- a) VEGA will replace faulty data carriers with faultless ones.
- b) The software is considered faulty if provable, reproducible errors occur which make the software deviate considerably from the descriptions in the accompanying documentation.
- c) Improvements to the software are normally provided via update/upgrade.
- d) VEGA will decide, within the framework of the guarantee, where errors will be diagnosed and corrected (at VEGA headquarters or at the customer's site). You will provide the documentation and information necessary for correction of errors. If the correction is carried out at your premises you will provide the required hardware and software free of charge as well as the necessary operating conditions with appropriate operating personnel, so that the work can be performed quickly.
- e) VEGA can demand reimbursement for test expenditures if you reported an error which ultimately could not be demonstrated or otherwise ascertained.
- f) You have to take all adequate measures to avoid or limit consequences of loss by software errors, in particular inform VEGA immediately on this error and make sure that the entered data to be processed are saved.
- g) The warranty period for software is 12 months. This period begins at the time of transfer of perils. When copies are made under the provisions of a multiple licence, the warranty period of the original software applies.

§ 1.4 Further liabilities

- a) Data loss: If data is damaged through an error in the delivered software, the duty of replacement does not include the costs of replacing lost data and information.
- b) Consequential damage: VEGA is not liable for consequential damage caused by software flaws.

§ 2 Further rights and restrictions

- a) You are not allowed to modify, reverse engineer or translate the software, or delete parts of it.
- b) You are not allowed to rent or to lease the software.
- c) You are authorised (revocable) to transfer all your rights from this licence agreement permanently; provided you transfer the complete software product (incl. all components of the media and the printed material) and that the recipient agrees to the conditions of this licence agreement. You are obliged to make a written agreement with the third party which fulfils the provisions of this contract. You are responsible to comply with export requirements imposed by legal provisions and regulations.
- d) VEGA is entitled to terminate this licence agreement in case of non-compliance with our regulations and conditions. In such case you are obliged to destroy all copies of the software product and all components, especially the software product certificates.



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