Pressure transmitter with front-flush ceramic measuring cell

Technical data

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Measuring ranges</td>
<td>-1 … 25 bar (-14.5 … 363 psig)</td>
</tr>
<tr>
<td>Smallest measuring range</td>
<td>0.1 bar (1.45 psig)</td>
</tr>
<tr>
<td>Deviation</td>
<td>&lt; 0.075 %</td>
</tr>
<tr>
<td>Process fitting</td>
<td>Straining clamp, threaded fitting G1% A, thread G1% A</td>
</tr>
<tr>
<td>Process temperature</td>
<td>40 … +100 °C (-40 … +212 °F)</td>
</tr>
<tr>
<td>Ambient, storage and transport</td>
<td>-40 … +80 °C (-40 … +176 °F)</td>
</tr>
<tr>
<td>temperature</td>
<td></td>
</tr>
<tr>
<td>Operating voltage</td>
<td>12 … 36 V DC</td>
</tr>
</tbody>
</table>

Materials

The transmitter of the instrument is made of 316L or PVDF. The process seal consists of FKM, FFKM or EPDM, the suspension cable of PE, PUR or FEP. You can find a complete overview of the available materials and seals in the "configurator" on our homepage at www.vega.com/configurator.

Housing versions

The housings are available as single chamber or double chamber version in plastic, stainless steel or aluminium. They are available in protection classes up to IP 68 (25 bar).

Electronics versions

The instruments are available in different electronics versions. Apart from the two-wire electronics with 4 … 20 mA/HART, also two purely digital versions with Profinet PA and Foundation Fieldbus are possible.

Approvals

The instruments are suitable for use in hazardous areas and are approved e.g. according to ATEX, FM, CSA and IEC. The instruments have also different ship approvals such as e.g. GL, LRS or ABS. You can find detailed information on the existing approvals in the "configurator" on our homepage under www.vega.com/configurator.
Operation

The adjustment of the instrument is carried out via the optional indicating and adjustment module PLICSCOM or via a PC with the adjustment software PACTware and respective DTM. Further adjustment options are available via HART communicator as well as manufacturer-specific programs such as AMS™ or PDM.

Electrical connection

Electronics and connection compartment, single chamber housing

1. Plug connector for VEGACONNECT (I²C interface)
2. Spring-loaded terminals for connection of the external indication VEGADIS 61
3. Ground terminal for connection of the cable screen
4. Spring-loaded terminals for voltage supply and signal output

You can find details on the electrical connection in the operating instructions of the instruments on our homepage under www.vega.com/downloads.

Dimensions

Dimensions VEGABAR 66
1. Threaded fitting, unassembled G1½ A
2. Thread G1½ A and housing, suspension cable
3. Thread G1½ A and housing, connection tube

Information

You can find further information about the VEGA product line on our homepage www.vega.com.

You can find free-of-charge operating instructions, product information, brochures, approval documents, instrument drawings, etc. in the download section under www.vega.com/downloads.

There, you will also find GSD and EDD files for Profinbus PA systems as well as DD and CFF files for Foundation Fieldbus systems.

Device selection

With the "finder" you can select the measuring principle best suiting your application: www.vega.com/finder.

You can find detailed information on the instrument versions in the "configurator" on our homepage under www.vega.com/configurator.

Contact

You can find the VEGA agency serving your area on our homepage www.vega.com.