In many applications gas analysis is the key for safe and efficient control of process flows, environmental protection and quality assurance. In extractive gas analysis the location of the gas sampling point is crucial for the reproducibility and accuracy of the analysis results.

The specific filter capacity, corrosion resistance and functional equipment requirements for the probe arise from the composition of the sample gas. However, operating costs are also an important criterion in the selection, as the sampling points are frequently located at hard to access points in the system. Effective particle filter backwashing options and low maintenance characterise the extensive GAS probe series.

Sample gas probe GAS 222.10

- Unheated probe with downstream filter for indoor installation.
- The filter element can easily be removed by turning the handle 90°
- For dust loads up to 2 g/m³
- The probe is suitable for use in explosive areas
Technical Data

Gas Probe Technical Data

<table>
<thead>
<tr>
<th>Operating temperature:</th>
<th>max. 200 °C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max. operating pressure:</td>
<td>6 bar</td>
</tr>
<tr>
<td>Parts in contact with media:</td>
<td>Flange: 1.4571</td>
</tr>
<tr>
<td></td>
<td>Seals: Graphite/1.4404 and see filter</td>
</tr>
</tbody>
</table>

Ordering instructions

The item number is a code for the configuration of your unit. Please use the following model key:

<table>
<thead>
<tr>
<th>4622210</th>
<th>0 9 9 0 0 X 0 9 9 9 9 9</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flange/approval</td>
<td></td>
</tr>
<tr>
<td>DIN DN65 PN6</td>
<td></td>
</tr>
<tr>
<td>Cleaning the probe</td>
<td></td>
</tr>
<tr>
<td>none</td>
<td></td>
</tr>
<tr>
<td>Calibrating gas connection</td>
<td></td>
</tr>
<tr>
<td>0</td>
<td>No calibrating gas connection</td>
</tr>
<tr>
<td>1</td>
<td>6 mm</td>
</tr>
<tr>
<td>2</td>
<td>6 mm + check valve</td>
</tr>
<tr>
<td>3</td>
<td>1/4&quot;</td>
</tr>
<tr>
<td>4</td>
<td>1/4&quot; + check valve</td>
</tr>
</tbody>
</table>

Options

The base unit becomes functional by adding accessories suitable for the application. Please refer to accessory data sheet no. 461099 for information.

Please also refer to data sheet no. 461000 "GAS 222 Gas Probes" for a general description.
Option Kalibriersanschluss #6/
option calibration gas port #6

Filter/filter
Zubehör/accessories

Meßgas Aus
t sample out
NPT 1/4"

Dimensions

GAS 222.10

Dimensions

GAS 222.10

Werkstoffe/materials
-Flansch, Kopf, flange, head
Betriebstemperatur, Sonde/operating temp. probe

1.4571/SS 316Ti
max. 200°C / 392°F

Alle Rechte
VORBEHalten

Meß ohne
erweiterungen
nach 150 2766-WK

Gasentnahmesonde
sample gas probe

BÜHLER
Meß-Regeltechnik
Ratingen

Zeichn.-Nr. 46/060-01-03E

Art.-Nr. 4622210

Datum: 10.04.07
Bearb.: 28.05.07

Maßstab 1:2
(Gewicht)

Benennung:
Gasentnahmesonde
 sample gas probe

GAS 222.10

We reserve the right to amend specification.