Connecting parts with nominal width DN 8
Valves, coupling valves, protection caps, fittings, adapters and connections for analytic instruments

Applications

- Handing of SF₆ gas tanks
- For indoor and outdoor equipment

Special features

- The valves can be isolated or coupled under pressure or vacuum
- Vacuum and pressure-tight (-1 ... +64 bar)
- Working temperature -40 ... +80 °C
- Leak rate: GCV, GCA, measuring chambers: $\leq 1 \cdot 10^{-8}$ mbar · l/s
  GCG: $\leq 1 \cdot 10^{-5}$ mbar · l/s
- Tested helium tightness of 100 %

Description

Safe and simple operation
WIKA’s connecting parts enable the secure storage and handling of environmentally hazardous SF₆ greenhouse gas in the equipment provided for this. The connecting parts have been precisely and specifically optimised for this application.

The ease of mounting and removal, as well as being 100 % tested for leak tightness, make these connecting parts safe and reliable interfaces for the filling and maintenance of the equipment.

Highest quality
In order to meet the high demands for quality, the robust design has passed extensive testing with actuation tests, tests in atmospheric conditions and shock tests. The connecting parts are manufactured from high-quality aluminium, brass and stainless steel. On request, the connecting parts can be supplied with a material certificate.

Comprehensive product range
The product range for connecting parts with nominal width DN 8 consists of self-closing valves, matching couplings and soldered and weld-in connections. For the connection of DN 8 to other nominal widths and connections, the appropriate adapters and components are available. A protection cap offers mechanical protection and additional sealing.

By using WIKA’s connecting parts, the maintenance-free and reliable separation of SF₆ gas compartments from the environment is made possible. In this way, not only is the escape of SF₆ gas prevented, but also the ingress of moisture.
Valve, model GCV-08

Attachment parts, left
(M26 x 1.5)

Coupling valve, model GCC-08
see page 7

Connection for analytic instruments, model GCG-08
see page 8

Protection cap, model GCP-08
see page 12

Dimensions in mm

<table>
<thead>
<tr>
<th>Thread A1</th>
<th>Material</th>
<th>Order no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>M16 x 1.5</td>
<td>Aluminium</td>
<td>13363396</td>
</tr>
<tr>
<td>M16 x 1.5</td>
<td>Brass</td>
<td>13376544</td>
</tr>
<tr>
<td>M16 x 1.5</td>
<td>Stainless steel</td>
<td>14045781</td>
</tr>
<tr>
<td>G ½</td>
<td>Aluminium</td>
<td>13363515</td>
</tr>
<tr>
<td>G ½</td>
<td>Brass</td>
<td>13363493</td>
</tr>
<tr>
<td>G ½</td>
<td>Stainless steel</td>
<td>13363507</td>
</tr>
</tbody>
</table>

The O-ring is included.
Spare part: O-ring D17
Order no.: 11332131
Valve, model GCV-08

Attachment parts, left
(M26 x 1.5)

Coupling valve, model GCC-08
see page 7

Connection for analytic instruments, model GCG-08
see page 8

Protection cap, model GCP-08
see page 12

Attachment parts, right
(M20 x 1.5)

Fitting, model GCF-08
from page 11

Adapter, model GCA-08
from page 9

Dimensions in mm

Material | Order no.
---|---
Brass | 13376561
Stainless steel | 14067240
Valve, model GCV-08

Attachment parts, left
(M26 x 1.5)

Coupling valve, model GCC-08
see page 7

Connection for analytic instruments, model GCG-08
see page 9

Protection cap, model GCP-08
see page 12

Dimensions in mm

Material | Order no.
----------|----------
Aluminium  | 13365771
Stainless steel  | 13449789

The O-ring is included.
Spare part: O-ring D14
Order no.: 11493624
Valve, model GCV-08

Attachment parts, left
(M26 x 1.5)

Coupling valve, model GCC-08
see page 7

Connection for analytic instruments, model GCG-08
see page 9

Protection cap, model GCP-08
see page 12

Dimensions in mm

<table>
<thead>
<tr>
<th>Material</th>
<th>Order no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aluminium</td>
<td>13365755</td>
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</table>

The O-ring is included.
Spare part: O-ring D14
Order no.: 11493624
Valve, model GCV-08

Attachment parts, left
(M26 x 1.5)

Coupling valve, model GCC-08
see page 7

Connection for analytic instruments, model GCG-08, see page 8

Protection cap, model GCP-08
see page 12

Dimensions in mm

<table>
<thead>
<tr>
<th>Material</th>
<th>Order no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aluminium</td>
<td>13365780</td>
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</tbody>
</table>

The O-ring is included.
Spare part: O-ring D36
Order no.: 14097132
Coupling valve, model GCC-08

Attachment parts, left
(M26 x 1.5)

Fitting, model GCF-08
from page 11

Adapter, model GCA-08
from page 9

Attachment parts, right
(M26 x 1.5)

Valve, model GCV-08
from page 2

Dimensions in mm

<table>
<thead>
<tr>
<th>Material</th>
<th>Order no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aluminium</td>
<td>13376587</td>
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<tr>
<td>Stainless steel</td>
<td>13363680</td>
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</tbody>
</table>

The O-ring is included.
Spare part: O-ring D14
Order no.: 11493624
Connection for analytic instruments, model GCG-08

Attachment parts, left

Quick couplings

Attachment parts, right
(M26 x 1.5)

Valve, model GCV-08
from page 2

Dimensions in mm

<table>
<thead>
<tr>
<th>Material</th>
<th>Order no.</th>
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<tbody>
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<td>Stainless steel</td>
<td>14017515</td>
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The O-ring is included.
Spare part: O-ring D14
Order no.: 11493624
Adapter instrumentation, model GCA-08

DN 8 to G ½

rotatable, DN 8 to G ¼ or G ½

Dimensions in mm

<table>
<thead>
<tr>
<th>Material</th>
<th>Order no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brass</td>
<td>13428625</td>
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</table>

<table>
<thead>
<tr>
<th>Thread A</th>
<th>Length L</th>
<th>Material</th>
<th>Order no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>G ¼</td>
<td>39.3</td>
<td>Brass</td>
<td>14009789</td>
</tr>
<tr>
<td>G ½</td>
<td>44.3</td>
<td>Brass</td>
<td>13376668</td>
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<tr>
<td>G ½</td>
<td>44.3</td>
<td>Stainless steel</td>
<td>13371126</td>
</tr>
</tbody>
</table>

The O-ring is included.
Spare part: O-ring D14
Order no.: 11493624
Adapter instrumentation, model GCA-08

DN 8 to G 3/8

Dimensions in mm

Material | Order no.
--- | ---
Aluminium | 13428820

Adapter nominal width, model GCA-08

DN 8 to DN 20

Dimensions in mm

Material | Order no.
--- | ---
Brass | 14098363
Stainless steel | 14098362
Fitting, model GCF-08

Union nut with tongue part

<table>
<thead>
<tr>
<th>Description</th>
<th>Material</th>
<th>Order no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Union nut</td>
<td>Stainless steel</td>
<td>13378571</td>
</tr>
<tr>
<td>Tongue part</td>
<td>Stainless steel</td>
<td>13428749</td>
</tr>
<tr>
<td>Tongue part</td>
<td>Brass</td>
<td>13428731</td>
</tr>
</tbody>
</table>

Groove part

<table>
<thead>
<tr>
<th>Material</th>
<th>Order no.</th>
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</thead>
<tbody>
<tr>
<td>Brass</td>
<td>13428668</td>
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<tr>
<td>Stainless steel</td>
<td>14074445</td>
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</table>
Protection cap, model GCP-08

Dimensions in mm

<table>
<thead>
<tr>
<th>Material</th>
<th>Order no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aluminium</td>
<td>13378661</td>
</tr>
</tbody>
</table>

The O-ring is included.
Spare part: O-ring D17
Order no.: 11522119

Ordering information
Specification of the model is sufficient for ordering.