OUTLET POINTS 603 / 610

Product Line 603 (anti-swiveling)

Outlet points easy to use for withdrawal of technical gases. To mount on wall for connection with a central gas supply system (ring line). The compact design is modular expansible and offers a variety of possible combinations.

Benefits
- gas paths and design features are customise combinable
- inlet with fittings (soldering end and/or welding socket) and outlet with nozzle or male thread (option hose coupling)
- ball valves in inlets signals clearly position OPEN / CLOSED respectively gas flow / gas stop
- quick and easy wall mounting
- compact design
- completely mounted and tested
- up to max. 3 gas paths (610-3) see top figure

Product Line 603:
- nearly unlimited number of gas paths
- nickel plated tube with nickel plated wall screen, for withdrawal of acetylene, fuel gas, oxygen and shielding gas
- anti-swiveling fixing of pressure regulator / safety device

Product Line 610:
- stainless steel plate, for use of acetylene, fuel gas, oxygen and shielding gas

Options
- pressure regulator with pressure gauge or flow meter
- model with safety devices, according to DIN EN ISO 5175-1 against dangerous reverse gas flow and flashbacks
- hose coupling SK100 according to DIN EN 561 / ISO 7289
- WITTFIX-Pipe Couplers

Operation / Usage
Outlet points are connected to the central gas supply system by ring or stub lines and concerted to the required local flow and customise operating pressures.

Indication
- 603-1 respectively 610-1 for one gas path
- 603-2 respectively 610-2 for two gas paths
- 603-3 respectively 610-3 for tree gas paths
- 603-X for more than tree gas paths

Approvals
Company certified according to ISO 9001
Cleaned for Oxygen Service according to:
- EIGA IGC Doc 13/12/E: Oxygen Pipeline and Piping Systems

Other models, options and accessories available on request.

Please identify the individual gases at the time of enquiring!
OUTLET POINTS 603 / 610

Assembly:

**Ball valve with male thread**

<table>
<thead>
<tr>
<th>Gases</th>
<th>Acetylene</th>
<th>Fuel gas</th>
<th>Oxygen (burn-out safety)</th>
<th>Compressed air, Shielding Gas</th>
</tr>
</thead>
<tbody>
<tr>
<td>( P_{\text{m}} ) max. [bar]</td>
<td>1.5</td>
<td>40</td>
<td>30</td>
<td>40</td>
</tr>
<tr>
<td>Nominal size</td>
<td>DN 10</td>
<td>DN 10</td>
<td>DN 10</td>
<td></td>
</tr>
</tbody>
</table>

**Pressure regulator**

<table>
<thead>
<tr>
<th>Gases</th>
<th>Acetylene</th>
<th>Fuel gas</th>
<th>Oxygen</th>
<th>( N_2 / \text{Air} )</th>
<th>Shielding Gas with flow gauge</th>
<th>Shielding Gas with flow meter</th>
</tr>
</thead>
<tbody>
<tr>
<td>( P_{\text{in}} ) max. [bar]</td>
<td>0 - 1.5</td>
<td>0 - 10</td>
<td>0 - 10 0 - 10*</td>
<td>0 - 10 0 - 10*</td>
<td>0 - 10 0 - 10*</td>
<td>0 - 16 0 - 30 l/min</td>
</tr>
</tbody>
</table>

**Optional safety devices and hose couplings**

- see data sheet ST 1, ST 2, ST 7, ST 9, ST 14 and SK 100

* option other \( P_{\text{in}} \) on request

Order blank (please mark \( \checkmark \) the requested combination:)

<table>
<thead>
<tr>
<th></th>
<th>Product Line 603</th>
<th>Product Line 610 (max. 3 Paths)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Path -1</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Path -2</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Path -3</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Comments</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Gases from left to right**

**Inlet**

- for pipe Ø in [mm]
- for welding socket
- for soldering end
- for WITTFIX

**Ball valve**

- DN 10

**Pressure Regulator**

- pressure gauge [bar]
- flow gauge [l/min]
- flow meter [l/min]

**Safety device**

- RF53N
- 85-10
- Super 78
- Super 66
- Super 55
- Super 85

**Outlet**

- nozzle for hose
- quick coupling SK100