PRESSURE REGULATING STATION 684NG
for oxygen, fuel and inert gases,
up to 75 m³/h (manual)

WITT Pressure regulating station 1x1 or manually changeable 2x1 for central gas supplies.
Every pressure regulating station 100% tested.

Benefits
- pressure regulating station complete, mounted and tested
- quick and easy wall mounting
- compact design (e.g. suitable for cylinder cabinets)
- pressure regulator according to DIN EN ISO 7291

Operation / Usage
The pressure regulating station ensures continuous gas supply and control of a pipeline, which is connected with pipeline outlets and reduces the risk of accidents. A supply by single cylinders is not available.

Assembly
1x1 pressure regulating station 684NG
2x1 pressure regulating station 684NG manually changeable consisting of:
- high pressure ball valve DN6 dependant on option (1x or 2x)
- 1x pressure regulator with blow off valve
- 1x ball valve in the outlet DN8; G 3/8 F
- complete mounted and tested on stainless steel plate

Options
- flush valve
- flexible hose standards for connection of pressure regulating station with gas supply (cylinder, gas cylinder manifolds, bundles, ...), adaptor suitable for bundle connections
- screw connection for pipe (soldering end, WITTFIX, welding end)
- extension module for connection of further single cylinder or cylinder bundles with pressure regulating station
- safety device 85-10 according to DIN EN ISO 5175-1 against reverse gas flow and flashbacks
- information board with concise instructions
- instruction plate according to the gas

Other connections available upon request

Approvals
Company certified according to ISO 9001

Please identify the individual gas at the time of enquiring!

Technical Data

<table>
<thead>
<tr>
<th>Type</th>
<th>1x1</th>
<th>2x1</th>
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<tbody>
<tr>
<td>Order-No.</td>
<td></td>
<td></td>
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<tr>
<td>oxygen</td>
<td>193-001</td>
<td>193-002</td>
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<tr>
<td>fuel gas</td>
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<tr>
<td>inert gas</td>
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| p_v max. | [bar] | 300 | 300 |
| p_H max. (static) | [bar] | 5 - 20 | 5 - 20 |
| Q max. (at 20 bar) | [m³/h] | 75 | 75 |

Connections
Inlet  RH F  1/4" NPT  1/4" NPT
Outlet RH F  G 3/8  G 3/8

Dimensions
Height [mm] 400 400
Width [mm] 300 300
Depth [mm] 130 130
Weight [kg] 4.5 5.5

Flow of pressure regulator (in Nm³/h) in relation to air

<table>
<thead>
<tr>
<th>Inlet pressure p_vmax in barg</th>
<th>Outlet pressure p_H in barg</th>
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<tbody>
<tr>
<td>300</td>
<td>5 10 15 20</td>
</tr>
<tr>
<td>25</td>
<td>50 60 75</td>
</tr>
</tbody>
</table>

Other connections available upon request