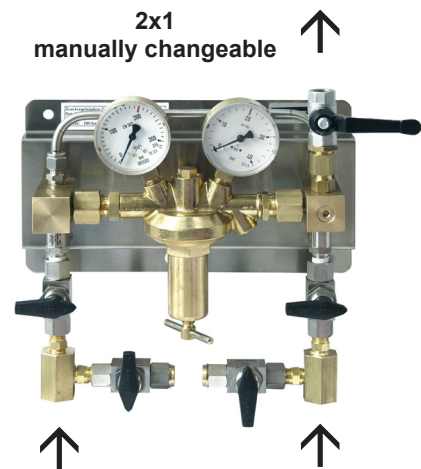
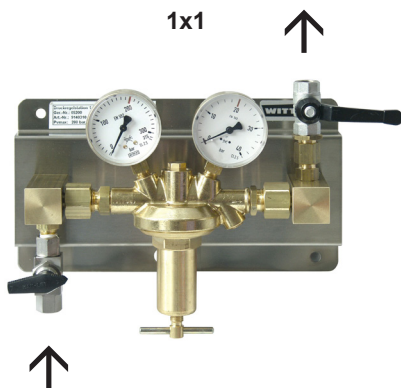


# PRESSURE REGULATING STATION 684NG

for oxygen, fuel and inert gases,  
up to 75 m<sup>3</sup>/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

## Approvals

Company certified according to ISO 9001

Designed for Oxygen Service in accordance with EIGA 13/20 and CGA G-4.4: Oxygen Pipeline and Piping Systems

Cleaned for Oxygen Service in accordance with EIGA 33/18 and CGA G-4.1: Cleaning of Equipment for Oxygen Service

**Please identify the individual gas at the time of enquiring!**

Technical Data			
Type		1x1	2x1
Order-No.	oxygen		
	fuel gas	193-001	193-002
	inert gas		
p <sub>v</sub> max.	[bar]	300	300
p <sub>H</sub> max. (static)	[bar]	5 - 20	5 - 20
Q max. (at 20 bar)	[m <sup>3</sup> /h]	75	75
<b>Connections</b>			
Inlet	RH F	1/4" NPT	1/4" NPT
Outlet	RH F	G 3/8	G 3/8
<b>Dimensions</b>			
Height	[mm]	400	400
Width	[mm]	300	300
Depth	[mm]	130	130
<b>Weight</b>	[kg]	4.5	5.5

Flow of pressure regulator (in Nm <sup>3</sup> /h) in relation to air				
Inlet pressure p <sub>vmax</sub> in barg	Outlet pressure P <sub>H</sub> in barg			
	300	5	10	15
25		50	60	75

Other connections available upon request