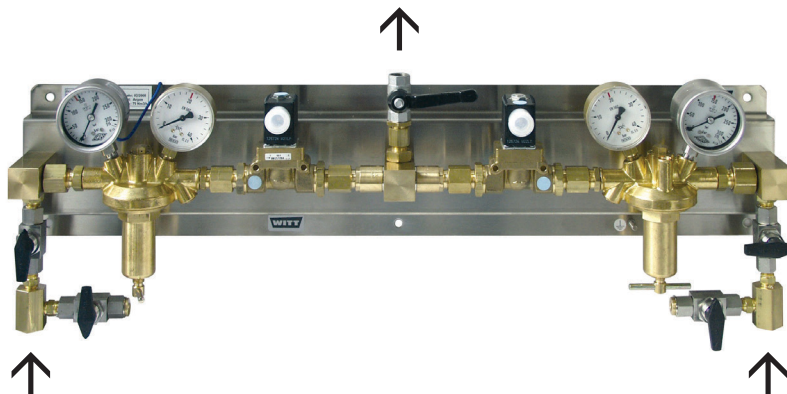


# PRESSURE REGULATING STATION 684NGA

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



## WITT-SWITCH



**WITT Pressure regulating station with automatic change-over 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
- reduces the risk of accidents and makes more working place
- automatic change-over using solenoid valves in the outlet, controlled by WITT-SWITCH (optional)

### Operation / Usage

The pressure regulating station automatically ensures continuous gas supply and control of a pipeline, which is connected with pipeline outlets and reduces the risk of accidents.

Supplying from single cylinders is no longer necessary.

### Assembly

**2x1** pressure regulating station 684NGA automatically changeable consisting of:

- 2x high pressure ball valve (DN6)
- 2x pressure regulator and gauge with contacts
- 2x solenoid valve 230 V/50Hz (Ex-Version for additional charge)
- 2x non-return valve
- 1x ball valve in the outlet DN8; G 3/8 F
- 2x flushing valve
- complete mounted and tested on stainless steel plate
- for connection with WITT control unit (WITT-SWITCH)

### Options

- flexible hose standards for connection of pressure regulating station with gas supply (cylinder, gas cylinder manifolds, bundles, ...), adaptor suitable for bundle connections
- safety device 85-10 according to DIN EN ISO 5175-1 against reverse gas flow and flashbacks
- screw connection for pipe (soldering end, WITTFIX, welding end)

- manifold for connection of cylinder bundles with pressure regulating station
- switch- and control unit WITT-SWITCH
- 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		
<b>Type</b>		<b>2x1</b>
Order-No.	oxygen fuel gas inert gas	193-004
p <sub>v</sub> max.	[bar]	300
p <sub>H</sub> max. (static)	[bar]	5 - 20
Q max. (at 20 bar)	[m <sup>3</sup> /h]	75
<b>Connections</b>		
Inlet	RH F	1/4" NPT
Outlet	RH F	G 3/8
<b>Dimensions</b>		
Height	[mm]	530
Width	[mm]	780
Depth	[mm]	115
<b>Weight</b>	[kg]	15

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			
	5	10	15	20
300	25	50	60	75

Other connections available upon request