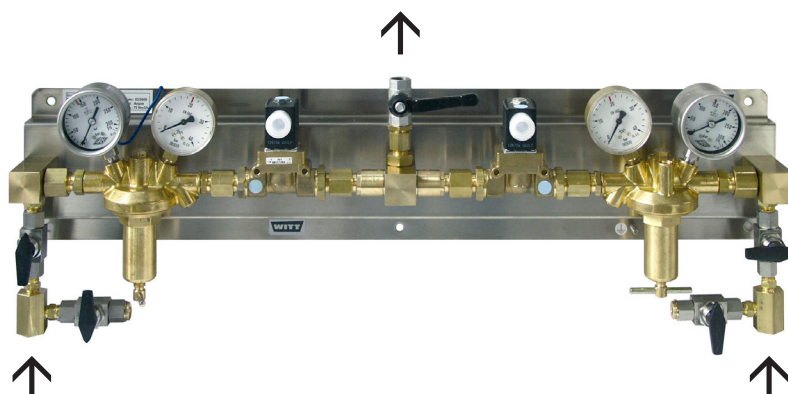


PRESSURE REGULATING STATION 684NGA

for oxygen, fuel and inert gases,
up to 2 649 m³/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		
Type		2x1
Order-No.	oxygen fuel gas inert gas	193-004
p _v max.	[PSI]	4 351
p _H max. (static)	[PSI]	73 - 290
Q max. (at 290 PSI)	[SCFH]	2 649
Connections		
Inlet	RH F	1/4" NPT
Outlet	RH F	G 3/8
Dimensions		
Height	[inch]	20.87
Width	[inch]	30.71
Depth	[inch]	4.53
Weight	[oz]	529

Flow of pressure regulator (in SCFH) in relation to air				
Inlet pressure p _{vmax} in PSI	Outlet pressure P _H in PSI			
	4 351	73	145	218
883		1 766	2 119	2 649

Other connections available upon request