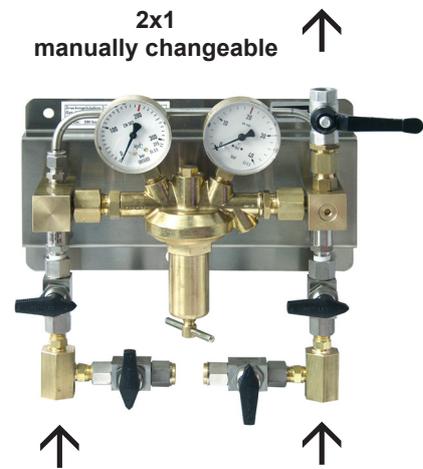


PRESSURE REGULATING STATION 684NG

for oxygen, fuel and inert gases,
up to 2 649 SCFH (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. Supplying from single cylinders is no longer necessary.

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_v max.	[PSI]	4 351	4 351
p_H max. (static)	[PSI]	73 - 290	73 - 290
Q max. (at 290 PSI)	[SCFH]	2 649	2 649
Connections			
Inlet	RH F	1/4" NPT	1/4" NPT
Outlet	RH F	G 3/8	G 3/8
Dimensions			
Height	[inch]	15.75	15.75
Width	[inch]	11.81	11.81
Depth	[inch]	5.12	5.12
Weight	[oz]	159	194

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