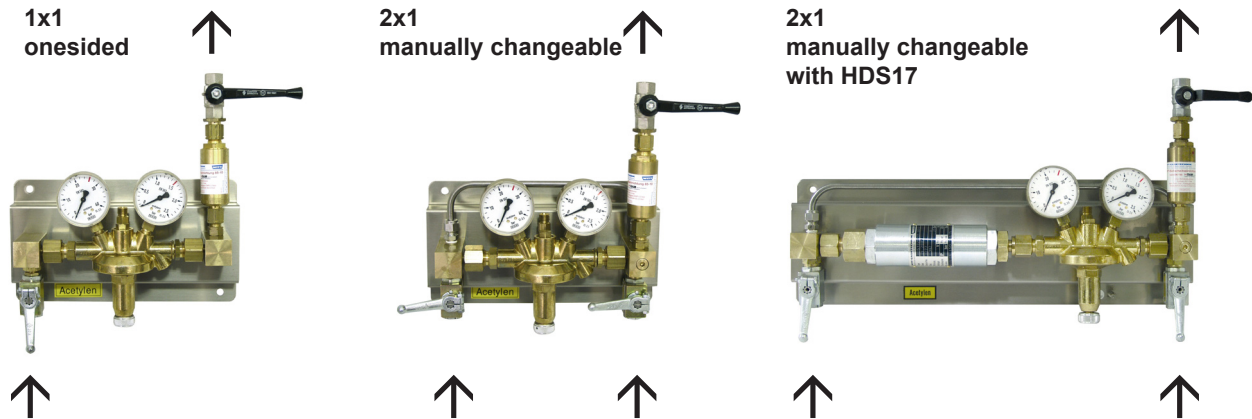


PRESSURE REGULATING STATION 684NG for acetylene, up to 10 m³/h (manual)



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 regulating station according to DIN EN ISO 14114
- 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:
- 2/2-way-high pressure ball valve DN6 1x or 2x dependant on option
 - 1x pressure regulator with blow off valve
 - 1x safety device 85-10 according to DIN EN ISO 5175-1 against back flow and flashback
 - 1x ball valve in the outlet DN8; G 3/8 F
- complete mounted and tested on stainless steel plate

Options

- automatic quick acting shut-off device HDS17 according to EN ISO 15615
- Other connections available on request

- flexible hose standards (**BAM certified**) for connection of pressure regulating station with gas supply (cylinder, gas cylinder manifolds, bundles, ...), adaptor suitable for bundle connection
- screw connection for pipe (soldering end, WITTFIX, welding end)
- extension module for connection of further single cylinder or cylinder bundles with pressure regulating station
- information board with concise instructions
- instruction plate according to the gas

Approvals

Company certified according to ISO 9001

Technical Data				
Type		1x1	2x1	2x1 w. HDS17
Order-No.		193-001-001	193-002-001	193-003-001
p _v max.	[bar]	25	25	25
p _H max. (statically)	[bar]	0 - 1.5	0 - 1.5	0 - 1.5
Q max. (at 1.5 bar)	[m ³ /h]	10	10	10
Connections				
Inlet	RH F	G 1/4	G 1/4	G 1/4
Outlet	RH F	G 3/8	G 3/8	G 3/8
Dimensions				
Height	[mm]	400	400	400
Width	[mm]	300	300	400
Depth	[mm]	130	130	150
Weight	[kg]	4.5	5.5	8.0

Flow of pressure regulator (in Nm ³ /h) in relation to air							
Inlet pressure p _{Vmax} in barg	Outlet pressure P _H in barg						
	0.1	0.2	0.3	0.4	0.6	0.7	0.8
4.0	2.0	5.5	7.8	9.6	11.5	11.7	11.9
	0.9	1.0	1.1	1.2	1.3	1.4	1.5
	12.0	12.1	12.2	12.25	12.25	12.3	12.3