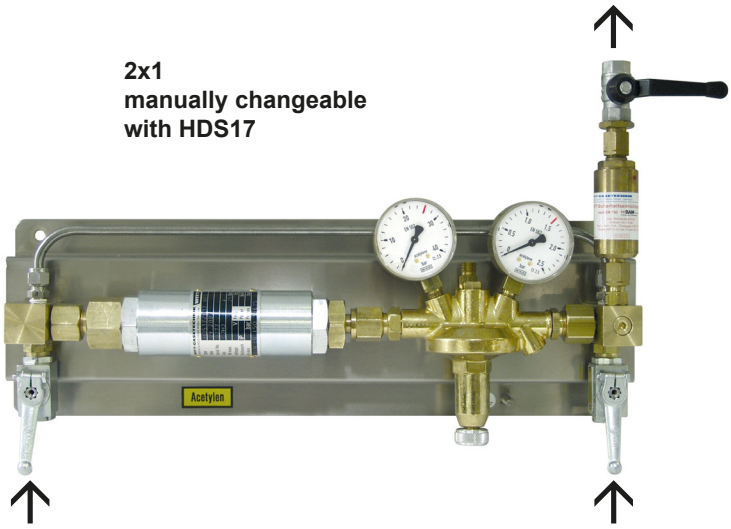
PRESSURE REGULATING STATION 684NG
for acetylene, up to 10 m³/h (manual)

www.wittgas.com



WITT Pressure regulating station manually changeable 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
- 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

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

(2x1) pressure regulating station 684NG manually changeable

consisting of:

2x 2/2-way-high pressure ball valve DN6

1x pressure regulator with blow off valve

1x automatic quick acting shut-off device HDS17 according to EN ISO 15615

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

- **onesided** pressure regulating station 684NG **(1x1)** upon request

Approvals

Company certified according to ISO 9001

Technical Data		
Type		**with HDS17**
Order-No.		193-003-001
p_V max.	[bar]	25
p_H max. (statically)	[bar]	0 - 1.5
Q max. (at 1.5 bar)	[m³/h]	10
Connections		
Inlet	RH F	G 1/4
Outlet	RH F	G 3/8
Dimensions		
Height	[mm]	400
Width	[mm]	400
Depth	[mm]	150
Weight	[kg]	8.0

Flow of pressure regulator (in Nm³/h) in relation to air							
Inlet pressure p_{Vmax} in barg	Outlet pressure P_H in barg						
4.0	0.1	0.2	0.3	0.4	0.6	0.7	0.8
	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

Other connections available on request

WITT-Gasetechnik GmbH & Co KG, Salinger Feld 4-8, D-58454 Witten, Tel. +49 (0)2302-8901-0, witt@wittgas.com