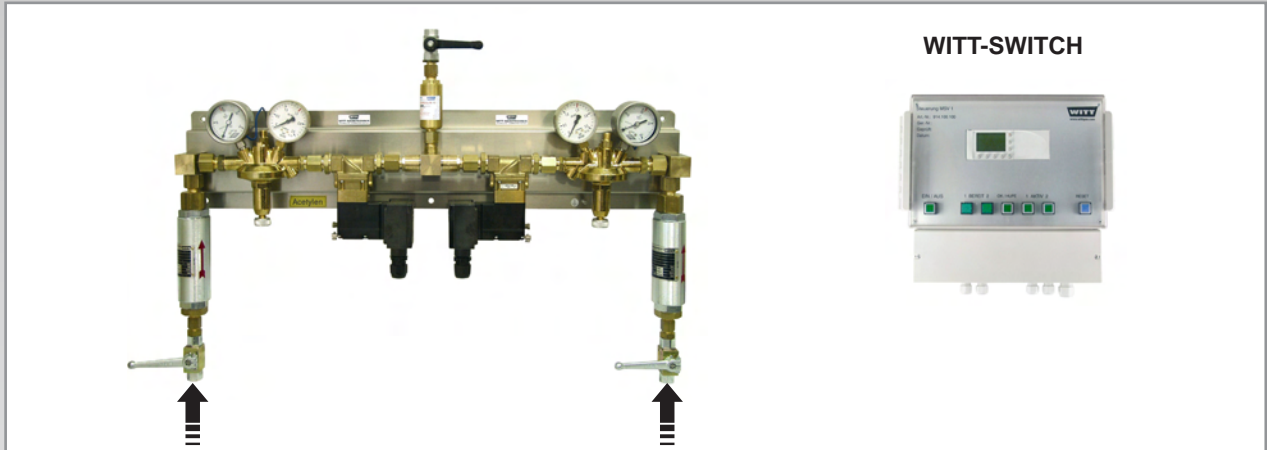


**684NGA for acetylene
up to 10 m³/h**



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 regulating station according to EN ISO 14114
- pressure regulator according to 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)

- without automatic quick acting shut-off device HDS17
- 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 9001:2000 and ISO 14001

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.

A supply by single cylinders is not available.

Assembly

2x1 pressure regulating station 684NGA automatically changeable

consisting of:

- 2x high pressure ball valve (DN6)
 - 2x automatic quick acting shut-off device HDS17 according to EN ISO 15615
 - 2x pressure regulator and gauge with contacts
 - 2x solenoid valve 230 V EEx
 - 2x non-return valve
 - 1x safety device 85-10 according to EN730 against back flow and flashback
 - 1x ball valve in the outlet DN8; G 3/8 F
- complete mounted and tested on stainless steel plate
- for connection with WITT control unit (WITT-SWITCH)

Options

- flexible hose standards (**BAM**) for connection of pressure regulating station with gas supply (cylinder, gas cylinder manifolds, bundles, ...), adaptor suitable for bundle connections

Other connections available on request

Technical Data		
Type	2x1 with HDS17	
Order-No.	193-005-001	
p _v max.	[bar]	25
p _H max. (static)	[bar]	0 - 1.5
Q max. (at 1.5 bar)	[m ³ /h]	10
Connections		
Inlet	RH F	G 1/4
Outlet	RH F	G 3/8
Dimensions		
Height	[mm]	530
Width	[mm]	780
Depth	[mm]	115
Weight	[kg]	15.0

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	

Product Information / Technical Data