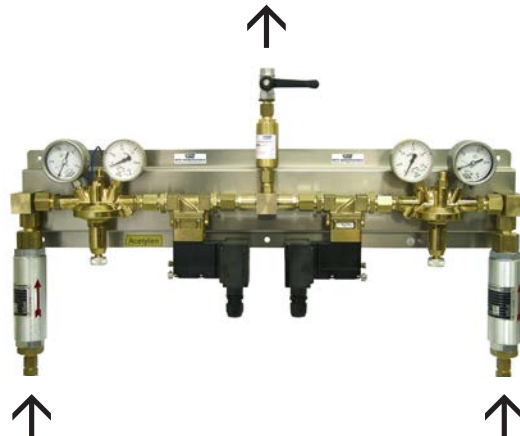


# PRESSURE REGULATING STATION 684NGA for acetylene, up to 10 m<sup>3</sup>/h (automatic)



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 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)

- 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

### 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 automatic quick acting shut-off device HDS17 according to EN ISO 15615
- 2x pressure regulator and gauge with contacts
- 2x solenoid valve 230 V Ex
- 2x non-return valve
- 1x safety device 85-10 according to EN 730 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
- without automatic quick acting shut-off device HDS17

Other connections available upon request

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

Flow of pressure regulator (in Nm <sup>3</sup> /h) in relation to air							
Inlet pressure p <sub>vmax</sub> in barg	Outlet pressure P <sub>H</sub> 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