PRESSURE REGULATING STATION 150NA for acetylene up to 150 m$^3$/h (full automatic change-over)

Benefits

- powerful manifold pressure regulating station 150NA to regulate high flows up to 150 m$^3$/h
- extremely stable outlet pressure, independent of inlet pressure and flow rate
- fully automatic change-over between 2 gas sources (bundles or trailers)
- electronic WITT-SWITCH-TRONIC with graphical filling level indicator
- intelligent software and extremely low pressure drop ($\Delta p$) provide optimal draining of the manifold or bundles
- electronic pressure transmitter for filling level control
- warning if bundle/trailer is empty
- connections for external devices
- motor controlled ball valves (230 V) for smooth changeover without pressure peaks
- emergency shutdown
- manual emergency mode possible
- includes WITT safety elements: decomposition arrestor HDS17, safety group 645 with four WITT flashback arrestor (Model 85-30), non-return valves
- robust design
- according to DIN EN ISO 14114, TRAC, PED, Atex Zone 1

Other connections available upon request
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Assembly

2x1 pressure regulating station 150NA full automatically changeable consisting of:

- 2x electronic pressure transmitter + inlet gauges
- 2x 2/2-way-high pressure ball valve
- 2x motor controlled ball valves 230 V
- 1x automatic quick acting shut-off device HDS17 according to EN ISO 15615
- 2x HD-non-return valve
- 1x pressure regulator ADR 150 with blow off valve
- 1x safety group 645 with safety device 85-30 (with 4x parallel)
- 1x ball valve in outlet
- complete mounted and tested on stainless steel plate
- for connection with WITT-SWITCH-TRONIC

Options

- flexible hose standards (BAM certified) for connection of pressure regulating station with gas supply, adaptor suitable for bundle connection
- contact pressure gauge
- pressure regulator ADR 150F with blow off valve
- acetylene filter
- manifold for connection of cylinder bundles with pressure regulating station

Approvals

Company certified according to ISO 9001

<table>
<thead>
<tr>
<th>Technical Data</th>
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<tbody>
<tr>
<td>Type with safety group 645</td>
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<tr>
<td>Order-No.</td>
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<tr>
<td>$p_v$ max.</td>
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<tr>
<td>$p_w$ max. (static)</td>
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<tr>
<td>Q max. at $p_w$ = 0.92 bar (behind safety group 645 with 85-30)</td>
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Connections

- Inlet RH F
- Outlet flange or thread

Dimensions

- Height [mm] approx. 900
- Width [mm] approx. 1890
- Depth [mm] approx. 380
- Weight [kg] approx. 222

Flow capacity of pressure regulator against to version upon request.

Other connections available upon request