

## Automatic Changeover System for corrosive and non corrosive gases

# Compactpanel VCR for pure gases

### Specification

#### □ Regulator

Max. rated inlet pressure: . . . . . 69 or 240 bar

Outlet pressure range: . . . . . 10 bar, 17 bar max.

Materials

Body: . . . . . 316L Stainless Steel

Regulator seat: . . . . . PCTFE

Valve seat: . . . . . Ceramic on Stainless Steel

Remaining parts: . . . . . 316 Stainless Steel

Flow capacity: . . . . . < 9 Nm<sup>3</sup>/h @ Cv = 0,06 trim

Design max. inboard leak rate:

1x10<sup>-8</sup> atm cc/sec He

Operating temperature: . . . . . -40 °C to +60 °C

#### □ Gauges

Material: . . . . . Stainless Steel

Connection: . . . . . 1/4" VCR®

#### □ Relief valve

Outlet connection: . . . . . 6 mm compression fitting

Body material: . . . . . Stainless 1.4404

Seat material: . . . . . Viton

#### □ Contact gauges 2,5"

Material: . . . . . Stainless Steel

Dial: . . . . . 200 / 315 bar (other ranges on request)

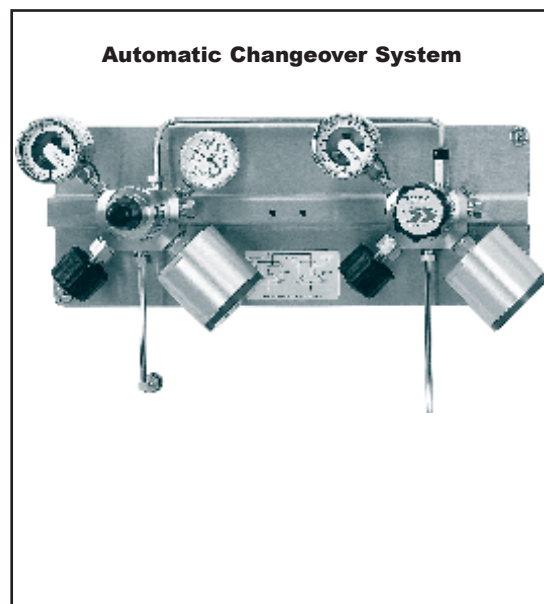
Switch: reed switch, opens with decreasing pressure

Surge current: . . . . . 1 A

Permanent current: . . . . . 0,6 A

Power: . . . . . 30 Watt, 50 VA

Cable: . . . . . 3 wire, 2 m length



### Advantages

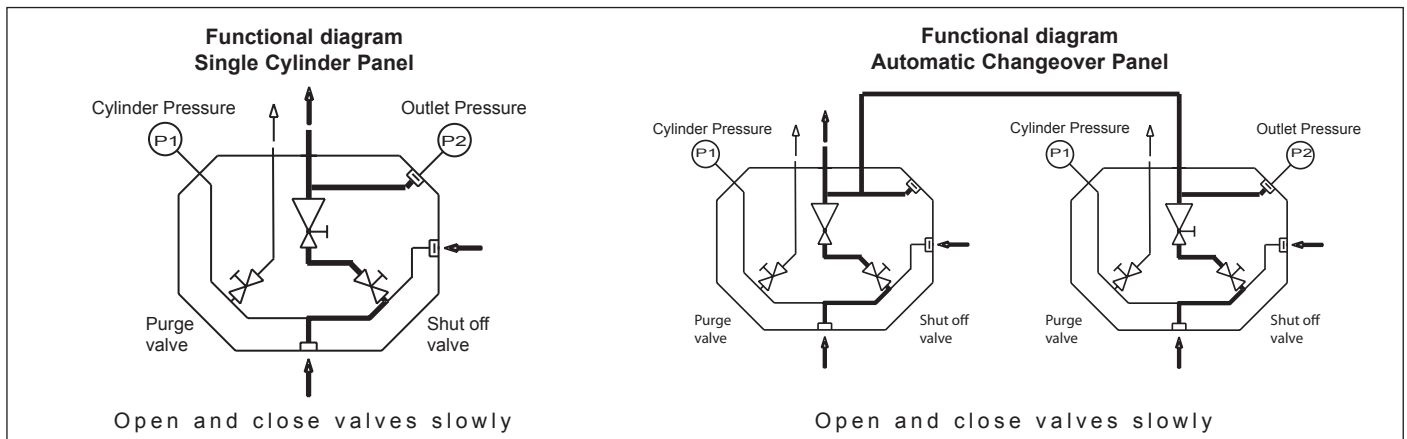
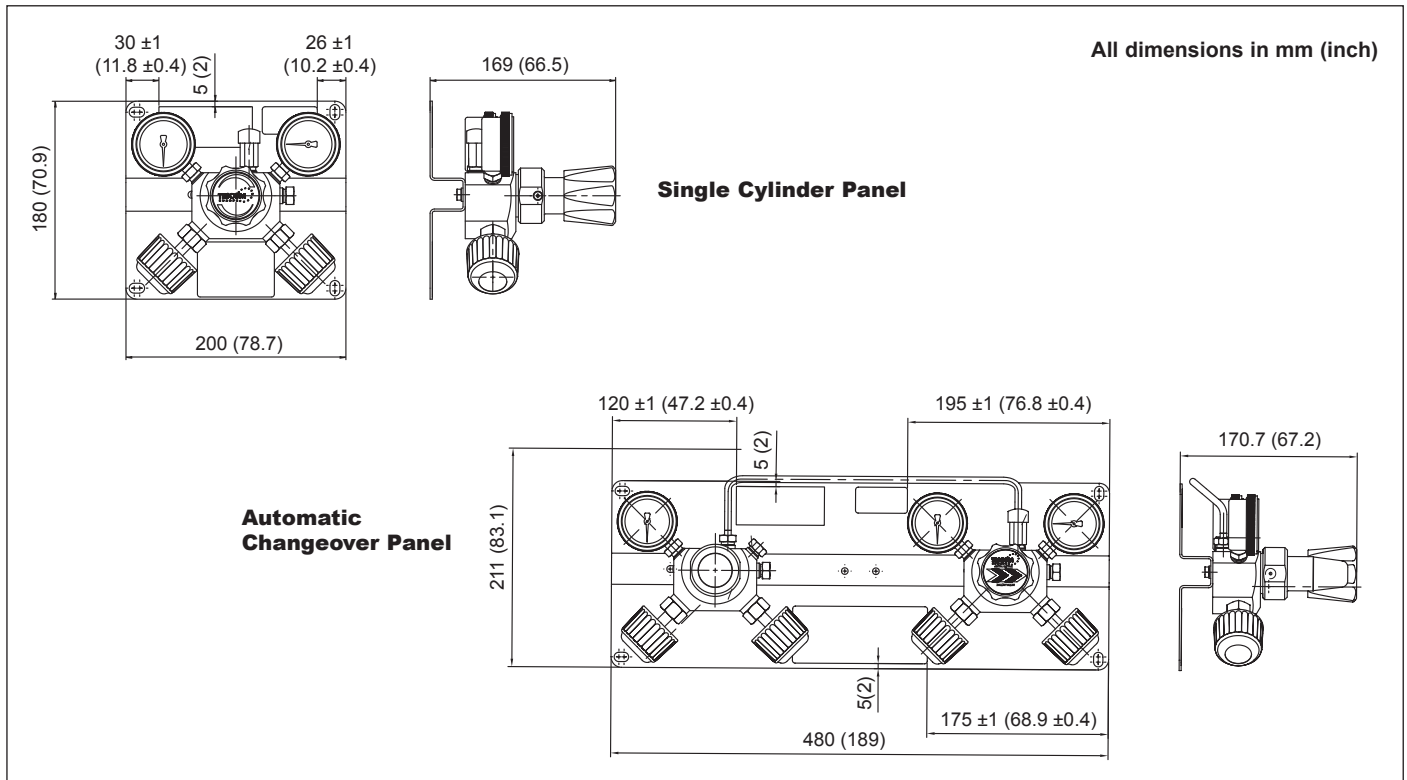
- VCR®-technology for high purity application
- Automatic Changeover for continuous gas supply
- Integrated purge and shut-off valve for fast purging
- Optional with Hastelloy® trim and positive seal for corrosive media
- Proven 64 series regulator design

Hastelloy® is a registered trademark of Haynes International.  
VCR® is a registered trademark of Swagelok.

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# Cylinder Panel Stainless Steel Automatic Changeover System



## Ordering Information

Example ordering no.:

**D45429 - SM - S - 2 - XXX**

TYPE	GAUGES	VALVE UNIT	OUTLET PRESSURE	OPTIONS (please consult factory)
<b>D45429</b> - Single Cylinder Panel	<b>SM</b> - Standard gauges	<b>S</b> - untied	<b>1</b> - 10 bar	<ul style="list-style-type: none"> <li>Cv = 0,15 or Cv = 0,24</li> <li>Inlet filter</li> <li>Pneumatic valve actuator</li> <li>Vespel regulator seat</li> <li>Pigtail with cylinder connector</li> </ul>
<b>D45450</b> - Automatic Changeover Panel	<b>KM</b> - Contact gauges	<b>P</b> - Positive Seal	<b>2</b> - 17 bar	

### Standard features:

Mounting Plate in Stainless; regulator with integrated valves,  
Inlet / outlet pressure gauges; relief valve.  
All connections 1/4" HPIC.

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