



## DIAPHRAGM SINGLE STAGE AUTOMATIC SWITCHOVER BOARD WITH MANUAL RESET

- Possible to connect up to 6 cylinders without using the purge line
- Maintains purity: eliminates cross-flow mixing of supply sources
- No risk that a source flows into the other one
- The automatic switchover board does not need to be reset to allow reversal of the cycle
- Ammonia version available on demand
- Ready to install with all components are mounted on a board
- Can also be equipped with an outlet shut-off valve
- Using contact gauges, the switchover board can also be equipped with an alarm box to indicate the source status



Scan for more information

# TDI HIGH PURITY



## APPLICATIONS

- Ideally suited to insure gas supply from many high pressure sources of high purity corrosive gases with low flow
- Dedicated to the supply of gas to analyzers and to the creation of controlled atmosphere in laboratories, control units, and for petrochemical applications

## SPECIFICATIONS

### Female ports

G 3/8 (inlet/outlet) or 1/4 NPT (inlet/outlet)

### Seat seal

PCTFE

### O-ring

EPDM - standard/FPM

### Diaphragm

Hastelloy®

### Weight

± 15.0 kg / ± 33.0 lbs

### Leak rate

10<sup>-9</sup> mbar l/s He

### Temperature range

-20°C to + 60°C / -4°F to + 140°F

### Gauges

High and low pressure (M10 x 1 or 1/8 NPT)

### Inlet pressure

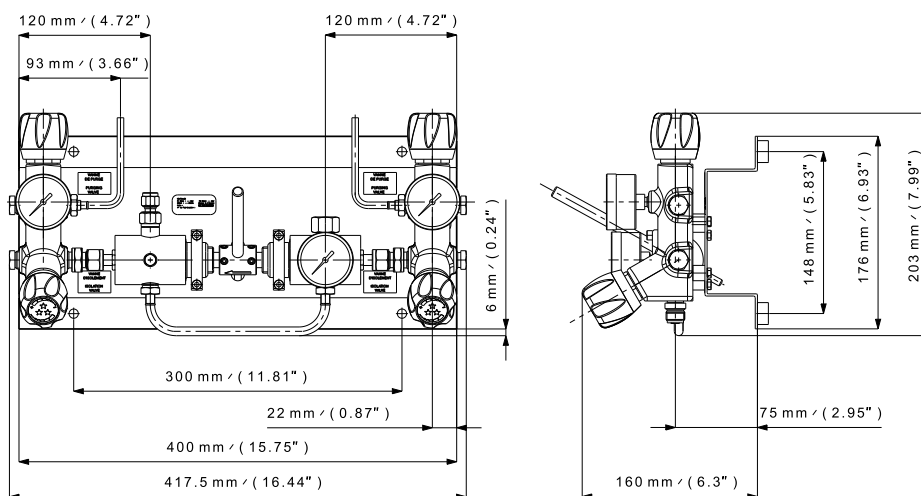
230 bar (3,335 psig)

### Outlet pressure

10/15/25/50 bar  
145/218/363/725 psig

### Nominal flow

10/10/50 Nm<sup>3</sup>/h (N<sub>2</sub>)  
NH<sub>3</sub>: 5 Nm<sup>3</sup>/h (NH<sub>3</sub>)



## PRODUCT CONFIGURATOR

TD	Body material	Inlet Pressure and Version Type	Outlet Pressure	End Connections	O-ring Material	Gauges	Outlet Valve	Configuration						
	I	HIGH PURITY	102	10	G	EPDM	1	NV	A					
	Stainless steel	Automatic switch with manual reset	102	10 bar / 145 psig	G 3/8 - Female	G	EPDM - standard	with gauges - standard	1	without outlet shut-off valve (standard)	NV	Standard configuration	A	
				15 bar / 218 psig	15	1/4 NPT - Female	N	FPM	with HP inductive contact gauges	2	with outlet shutoff valve	V		
				25 bar / 363 psig	25									
				50 bar / 725 psig	50									