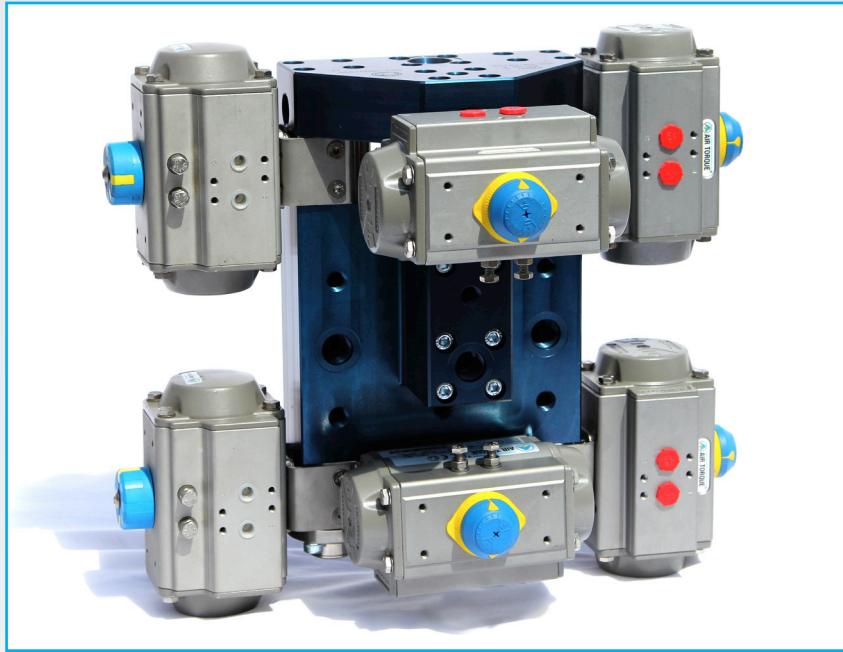




100 Series CNG Priority Manifold

Applications

CNG Priority Panel, for use in dispensing stations



Materials

Item	Part	Material
1	Blocks	6061 Aluminium
2	Actuator Brackets	304 Stainless steel
3	Sandwich Valves	As per standard specifications
4	Check Valves	As per standard specifications
5	Actuator	As per manufacturing specifications

Features & Benefits

Service kits are readily available & easy to install.

CNC machining allows tighter tolerances to be maintained, which extends the working life of the components.

The complete Oasis range has been cycle tested to ensure **LOWEST LIFE COST**.

All products are manufactured to ISO 9001:2008 standards.

More product information available online at oasisngv.com/ resources.

Product Specification

Part Code	Mass lb (kg)	Min. Operating Pressure bar (psi) *	Max. Operating Pressure bar (psi) **	Min. Temp. °F (°C)	Max Temp. °F (°C)	Cycles Before Rekit ^	Stem Open Torque ft-lb (Nm)^^^	Cv
PM104-STD-SAE-ASM	(36) 16.5	34 (500)	410 (6000)	-40 (-40)	185 (85)	100,000	3.3 (4.5)	3.3
PM104-TLB-SAE-ASM	(36) 16.5	34 (500)	410 (6000)	-40 (-40)	185 (85)	100,000	3.3 (4.5)	3.3

* Minimum system pressure the product will hold constant bubble tight seal.

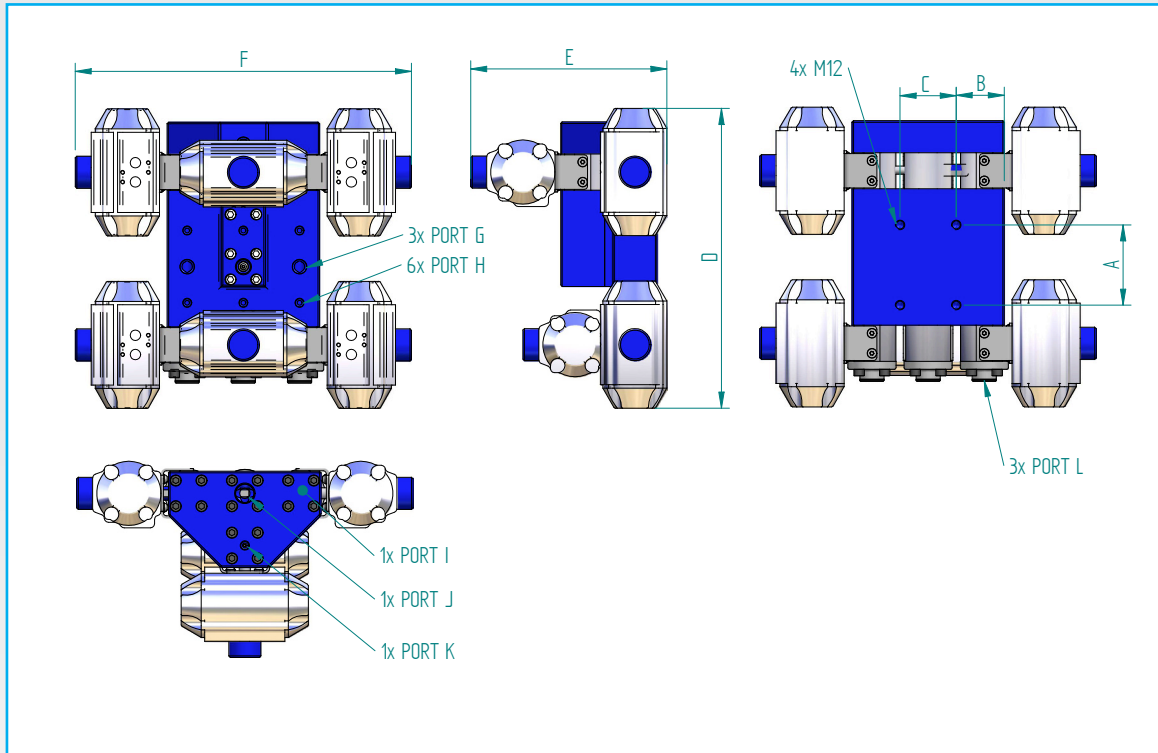
** Maximum pressure at which the product can constantly operate at.

^ It is recommended that the priority panel is re-kitted on or before the maximum number of allowable cycles.

^^ Opening Torque at 6,000 psi



100 Series CNG Priority Manifold



Dimensions (mm)

Part Code	Size	A	B	C	D	E	F
PM104-STD-SAE-ASM	1/2"	100	60	70	374	245	420
PM104-TLB-SAE-ASM	1/2"	100	60	70	374	245	420

Part Code	PORT G	PORT H	PORT I	PORT J	PORT K	PORT L
PM104-STD-SAE-ASM	3/4 - 16 SAE	1/4" NPT	N/A	1 1/16 - 12 SAE	1/4" NPT	3/4 - 16 SAE
PM104-TLB-SAE-ASM	3/4 - 16 SAE	1/4" NPT	1 1/16 - 12 SAE	1 1/16 - 12 SAE	1/4" NPT	3/4 - 16 SAE

Port Descriptions

Port Identification	Port description
PORT G	H, M, L supply
PORT H	Pressure transducer and gauge ports
PORT I	Low pressure trailer supply
PORT J	From compressor
PORT K	Pressure gauge port
PORT L	To forecourt

P & ID

