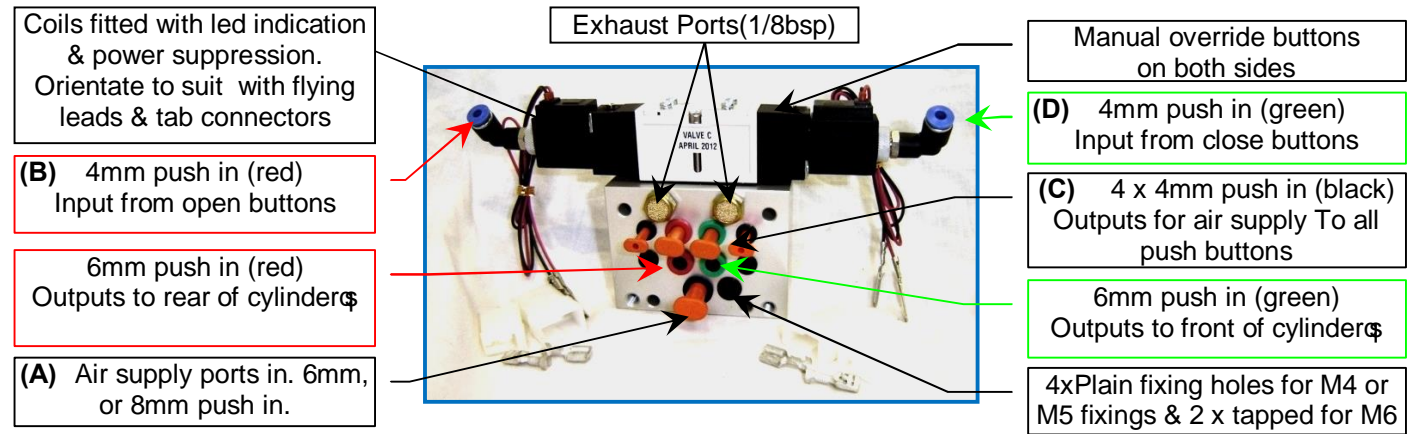


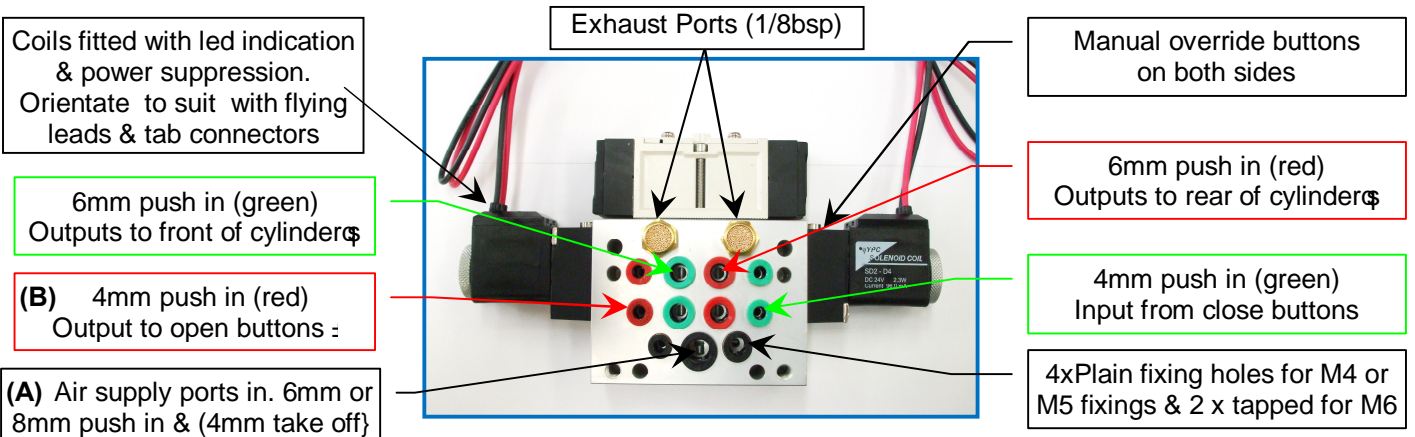
VAL003U = "PRESSURE APPLIED" 24V DOUBLE SOLENOID SPOOL VALVE



Blank off unused ports in valve main body only.

How PRESSURE APPLIED spool valve works: - With air supplied into valve main body (A) and the door is in the fully close position. With a 4mm BLACK pipe from outlet ports (C) on valve main body to N/C momentary push button valve into port No.1. & then with a single 4mm air pipe RED from button port No.2 input port (B) elbow on the spool valve. By depressing the open button momentarily, air will pilot the chamber causing a pressure to rise and will shunt the spool from one side to the other, this will allow air into cylinder extending the ram to open the door. As the button is released air from input (B) will exhaust from button port No3. The spool in the chamber will remain in its position until a close push button is momentarily pressed. The cycle then reverses itself.

VAL102U = "AIR BLEED" 24V DOUBLE SOLENOID SPOOL VALVE



Blank off unused ports in valve main body only

How AIR BLEED spool valve works: - With air supplied into valve main body (A) and the door is in the fully close position, air pressure is maintained in both ends of the spool valve chamber. A single 4mm air pipe RED from outlet port (B) of the valve main body to an N/C momentary push button valve into port No1. By depressing the button momentarily, Air is exhausted from button port No2 the air in the open side of spool valve chamber to atmosphere via the button causing a pressure imbalance and will shift the spool to the left, thus allowing air into cylinder extending the ram to open the door. As the button is releases air pressure will return to the spool valve chamber and the spool will remain in its position until a close push button is momentarily pressed. The cycle then reverses itself.

BASIC VALVE SPECIFICATIONS

Valve Specification		Materials		Coil Specification	
Pressure Range	1.5 . 10 bar	Valve Body	Die-cast aluminium	Voltage	DC 24v(12v) -10% + 15% of rated
Sectional Area	16.0	Spool	Aluminium	Coil Insulation Class	F-Class or equivalent
Response Time	25ms min	Seals	NBR	Holding Power	2.5 Watt, for 24/12v. DC
Frequency	5c/sec	Cap	Zinc Pressure Die-Cast	Off min. Residual	V10% or less
Lubrication	Not required	Pilot Parts	Glass Filled Nylon	Materials	
Flow rate	900 LTR/M @ 5bar	Armature	Stainless Steel	Moulding	Glass Pressure Nylon
		Armature Seals	Viton	Indicator Cap	Polycarbonate