

**VAL 102U. (24v)DOUBLE SOLENOID AIRBLEED  
SPOOL VALVE INSTALLATION & SPECIFICATION**



Plug Fitted With  
LED Indication &  
Power Suppression  
Orientated To Suit

**DOOR OPEN**

Coils Fitting Can Be Orientated To Suit

**Output To OPEN  
Buttons**

4mm Push In (RED)

**Output To Front Of  
Cylinder's**

6mm Push In (GREEN)

Air Supply Port In.6mm  
Normal Working Pressure  
5.5 to 6.5 Bar

Type Fixing Holes  
Plain For M4 or M5  
& Tapped for M6

Remove OR Add  
Blanking Plugs To Suit

**DOOR CLOSE**

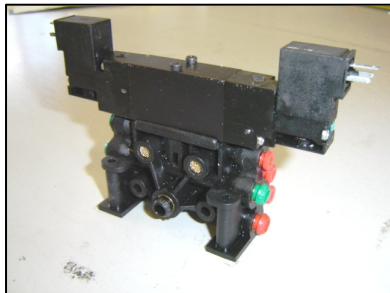
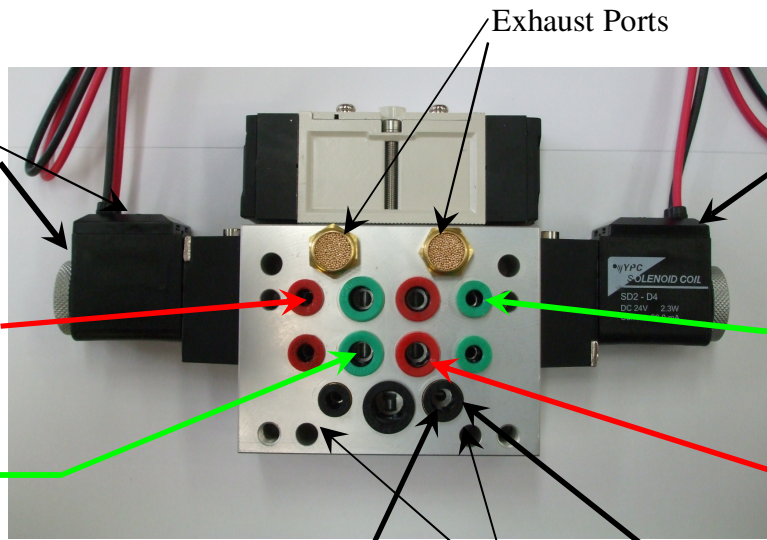
Coils Fitting Can Be Orientated To Suit

**Output To CLOSE  
Buttons**

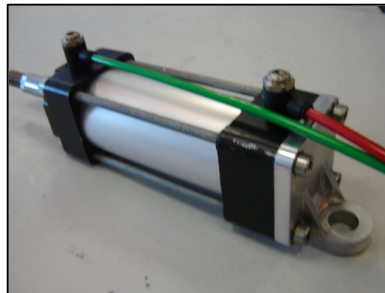
4mm Push In (GREEN)

**Output To Rear Of  
Cylinder's**

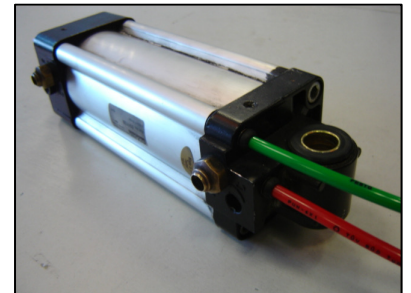
6mm Push In (RED)



Example of side ported valve  
Follow same colour coding to  
cylinder(ram)



Example of front & rear  
ported cylinder(ram)  
Follow colour coding



Example of rear ported  
cylinder(ram)  
Follow colour coding

<p><b>Valve Specification</b></p> <p>Pressure Range 1.5 – 10 bar Sectional Area 16.0 Response Time 25ms min Frequency 5c/sec Lubrication Not required Manual Override Push Button Flow rate 900 LTR/M @ 5bar</p>	<p><b>Materials</b></p> <p>Valve Body Die-cast aluminium Spool Aluminium Seals NBR Spring Stainless Cap Zinc Pressure Die-Cast Pilot Parts Glass Filled Nylon Armature Stainless Steel Armature Seals Viton</p>	<p><b>Coil Specification</b></p> <p>Removal coils Quick replacement Voltage DC 24v(12v) -10% + 15% of rated Coil test by TDS 32 voltages over 10 hour period Result operation of valve unimpeded Coil Insulation Class F-Class or equivalent Holding Power 2.5 Watt, for 24/12v. DC Off min. Residual V10% or less</p> <p><b>Plugs</b> Fitted with power LED indication Fitted with power suppression</p> <p><b>Materials</b> Moulding Glass Pressure Nylon Indicator Cap Polycarbonate</p>
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