

**VAL001U. AIRBLEED**  
**SPOOL VALVE INSTALLATION & SPECIFICATION**



Close Exhaust Ports

Open Exhaust Ports

Output To OPEN Buttons  
 4mm Push In (RED)

Output To CLOSE Buttons  
 4mm Push In (GREEN)

Output To Front Of Cylinder's  
 6mm Push In (GREEN)

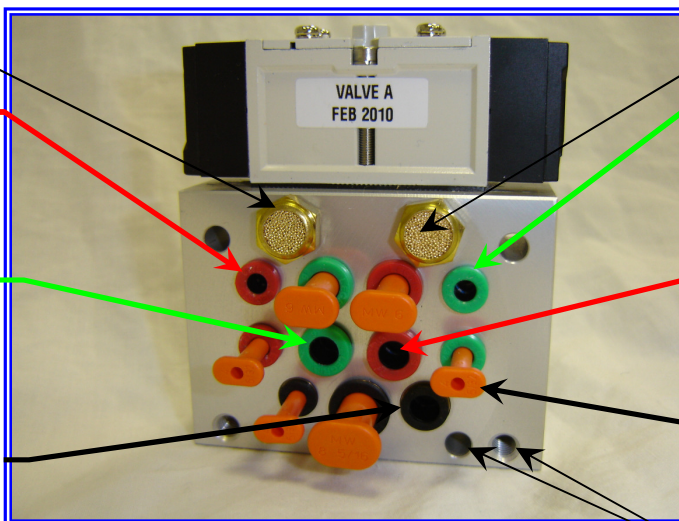
Output To Rear Of Cylinder's  
 6mm Push In (RED)

Air Supply Port In.6mm  
 Or 8mm with 4mm take off.

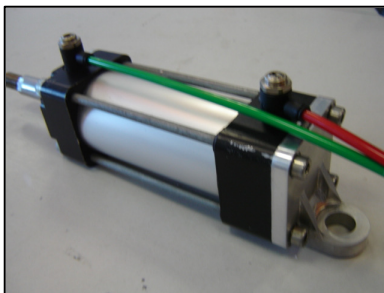
Remove OR Add Blanking Plugs To Suit

Normal Working Pressure  
 5.5 to 6.5 Bar

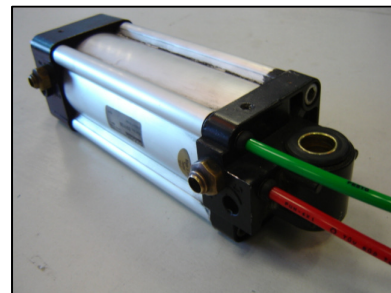
Type Fixing Holes  
 Plain For M4 or M5  
 & Tapped for M6



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

**Valve Specification**

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

**Materials**

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

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