

**VAL003U. (24v)DOUBLE SOLENOID PRESSURE APPLIED
SPOOL VALVE INSTALLATION & SPECIFICATION**



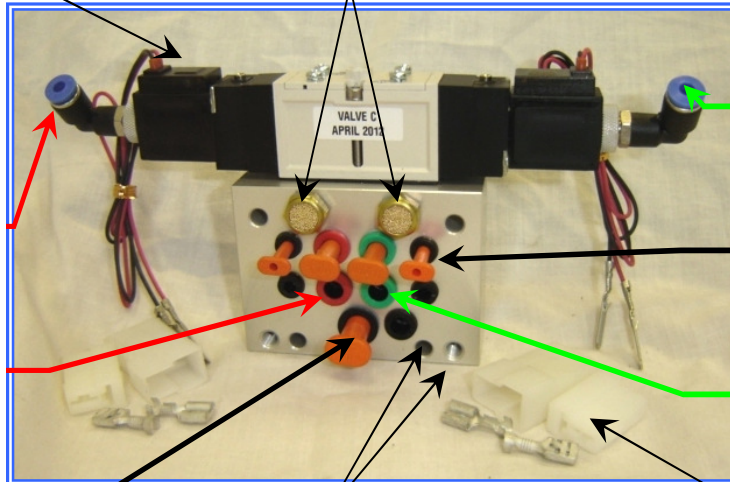
Exhaust Ports

Coils Fitted With LED Indication & Power Suppression Orientated To Suit. With Flying Leads & Plugs

Input From OPEN Buttons
4mm Push In (RED)

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

Air Supply Port In.6mm, or 8mm. Normal Working Pressure 5.5 to 6.5 Bar



Input From CLOSE Buttons
4mm Push In (GREEN)

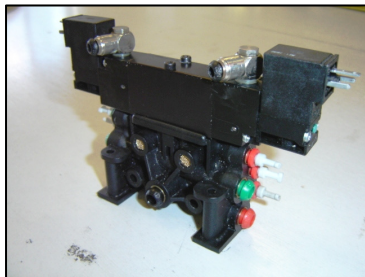
4xOutputs For Air Supply to Buttons.
4mm Push In (BLACK)

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

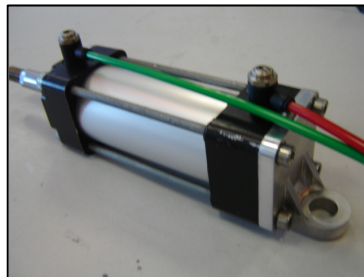
Type Fixing Holes Plain For M4 or M5 & Tapped for M6

Tab & Rec Plugs With Connectors, For Flying Leads

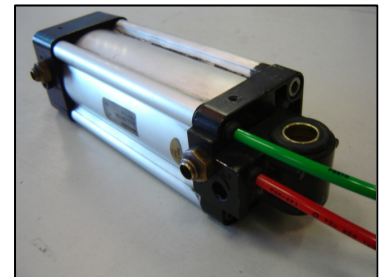
Note. For typical PRESSURE APPLIED piping circuit with 5 kph inhibitor, see reverse side



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

Coil Specification

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

Plugs

Fitted with power LED indication
Fitted with power suppression

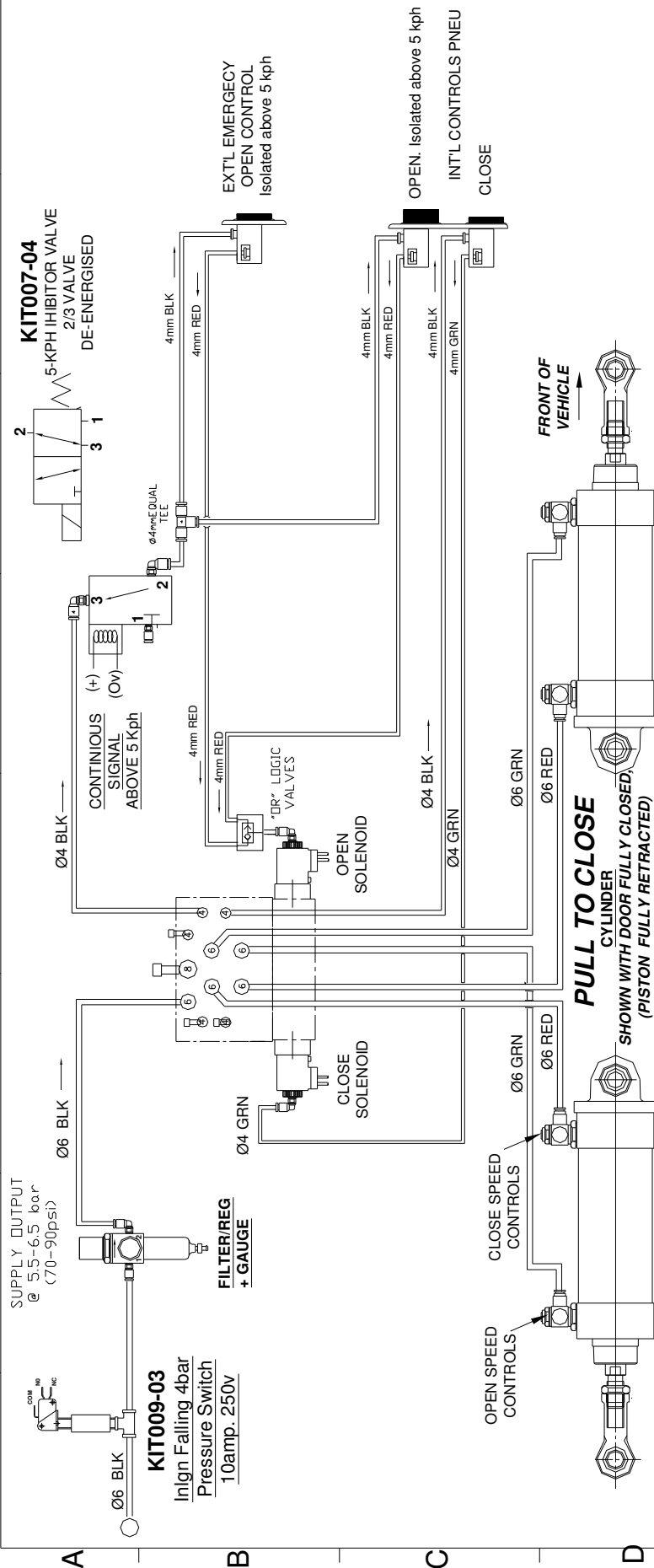
Materials

Moulding Glass Pressure Nylon
Indicator Cap Polycarbonate

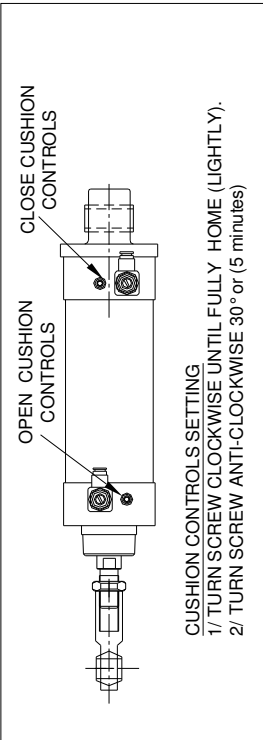
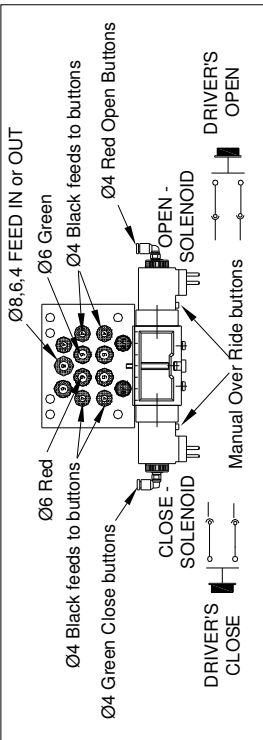
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1 2 3 4 5 6 7 8



VAL003U=Pressure Applied Spoolvalve



SCALE: 1/1	MATERIAL: FINISH:	DESCRIPTION: TWIN PNE CYLINDER
DESIGNED BY: A.W.J.S/D/A	DATE: 03.02.12	REMOVE ALL BURRS AND SHARP EDGES
ALL DIMENSIONS IN MM / INCHES	DO NOT SCALE	DRIVERS CLOSE
DRIVERS OPEN	DRIVERS OPEN	DRIVERS OPEN
REV 2	changed to include int open isolated above 5kph	14.06.2012
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