

P/N: VAL049U



PULSE GENERATOR VALVE-3/2 SOLENOID 24v

PRODUCTION DATA SHEET

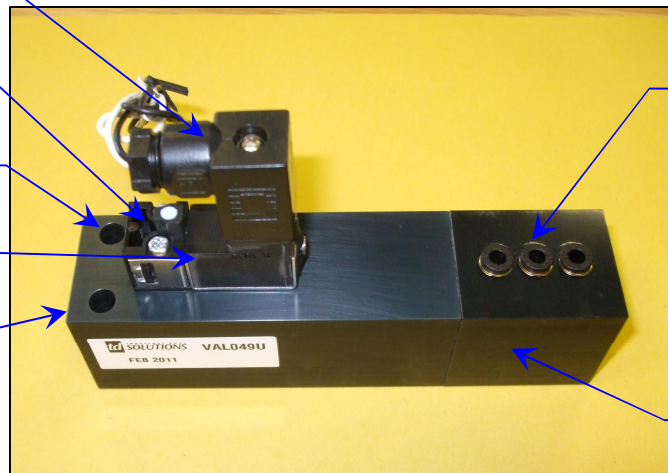
Plug Can Be Orientated To Suit

Manual Override Push Button

Fixing Holes To Suit M6 or M5

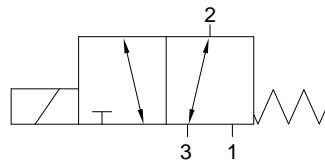
24v Coil & Pneumatic valve

INPUT
1x Push In Fitting to take Ø6mm Pipe or 6-4 Reducer For using Ø4mm Pipe



3- Pulse Outlets Push In Fittings to take Ø4mm Pipes

Anodized Solid Aluminium Body



Function >

Pulse Generator is use in conjunction with Air Edge Plus Controller The system uses a small air pulse generator **VAL049U** to pump up the sensitive edge system and it is then possible to check that the edge system functions correctly. The air pulse generator is connected to the normal air supply and activated by the door controller using the door open signal. This method of activation means that the self test system monitors the sensitive edge system every time the door open command is given. The air pulse generator generates a standard air pulse every time it is activated and the output from the pressure switch is monitored. The length of time that the pressure switch is activated relates to the condition of the pneumatic sensitive edges. The timing of the self test is such that the door edges are tested when the door opens and if the test is successful the door is available for immediate closure. The testing does not impede the speed of the door open/close sequence.

<u>Valve Specification</u>		<u>Coil Specification</u>	
Valve Type	3/2 Normal Closed	Removal coils	Quick replacement
Pressure Range	1.5 - 10 bar	Voltage	24v -10% + 15% of rated
Response Time	5ms or less	Coil test by TDS	32 voltages over 10 hour period
Max Working	10 bar	Result	operation of valve unimpeded
Frequency	5c/sec	Coil Insulation Class	IEC85 (F-Class)
Lubrication	Not required	UL approved	
Manual Override	Push Button	Holding Power	0.5 Watt
Flow rate	12 LTR/M @ 6bar	Ip 65	
<u>Materials</u>		<u>Plugs</u>	
Valve Body	Glass Pressure Nylon	Standard 3pin.	
Piston	Aluminium	Ip65	
Seals	NBR		
Spring	Stainless		
Pilot Parts	Glass Filled Nylon		
Armature	Stainless Steel		
Armature Seals	Viton		