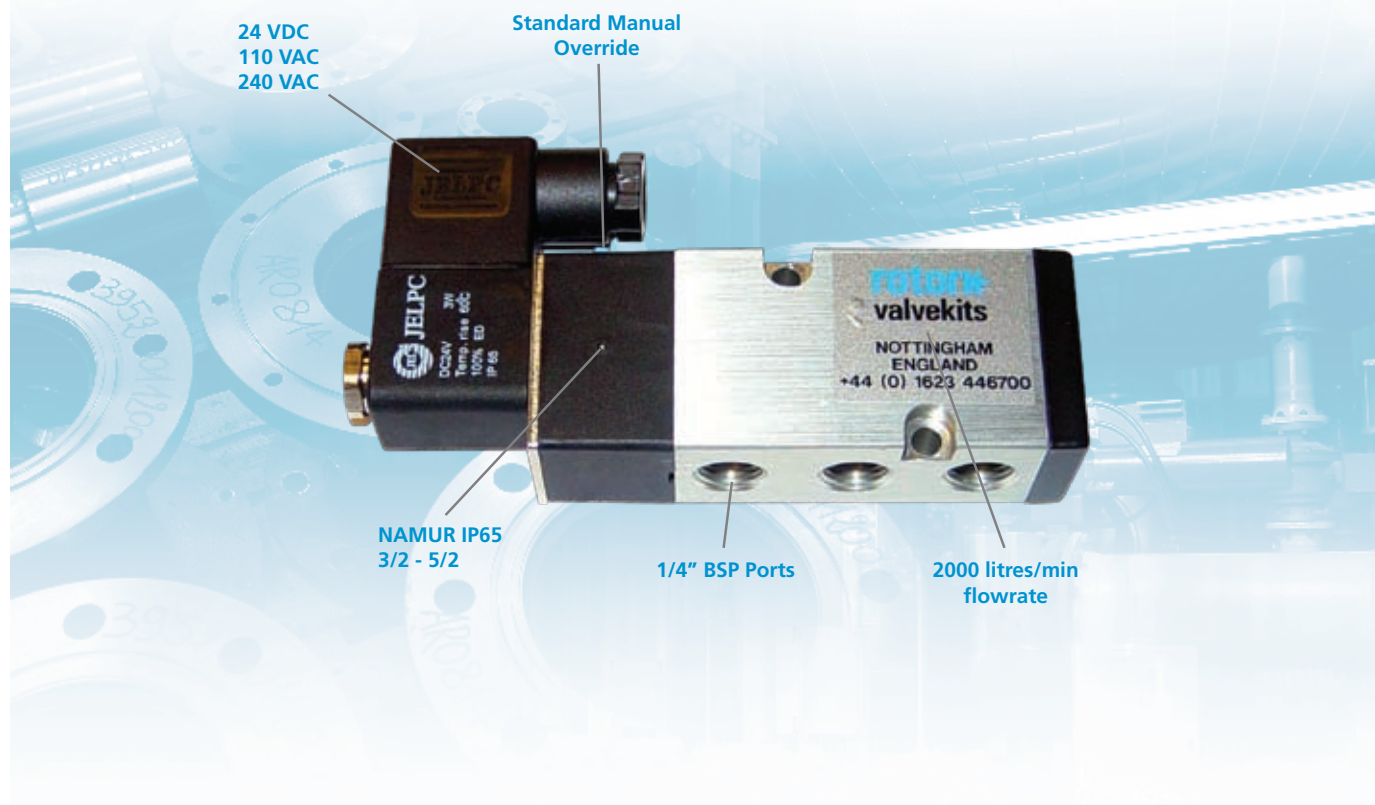


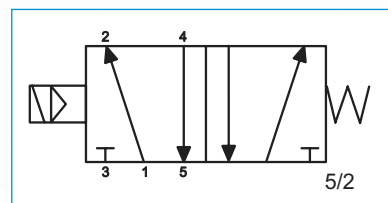
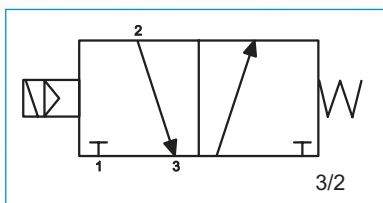
300 Series



Solenoid Valves 300 Series

Features

- IP65 Namur Solenoid
- 5/2 & 3/2 N/C
- 24 VDC, 110/240 VAC
- Manual Override Standard
- 2000 litre/min Flow Rate
- Hard Anodised Finish
- 1/4 BSP Ports
- Nitrile Seals
- Plug and Socket 10mm Cable Entry
- Tested to 10 Million Ops
- All Metal Construction
- 2 Year Global Guarantee
- ISO 9000 & CE Approved



Care and Installation

1. Please check that your RVS solenoid has not been damaged in transit.
2. For 3/2 applications fit the aluminium G-3/2 plate
3. Before connecting the solenoid, ensure power is switched off and supply voltage is consistent with solenoid. The flow direction of air and pipe connections should also be checked.
4. Ensure that the assembly is kept free from dust/contamination during assembly.
5. Select M5 x 30 mm for 5/2 and M5 x 35 mm for G-3/2 plate.
6. When fitting pipes to the solenoid valve, ensure that PTFE or sealant does not interfere with the airflow or internal valve functions.
7. After connection, operate valve manually, prior to applying power.
8. Maintenance should not be necessary, if clean air is used.

General Purpose IP65 - Solenoid Valve Specification - 300 series

Namur 3/2 - 5/2 1/4" BSP IP65 N/C Single coil Spring Return Supplied with Coil assembled to body, packed singly in box.

General Specification

Operating Life Minimum	5 Million ops
Guarantee Design/Manufacture	2 Years
ISO 9001 Approved	IP65
CE marked	
Enclosure [IP65]	
Electrical	
Voltage options	24 VDC 110 VAC 240 VAC
Frequency of coil	50/60 Hz
Power Consumption	3 Watts DC/5.5 vA AC
Insulation Class [coil]	F class
Temperature Rating	60 / -5 Deg. °C
Voltage range	Minus 15% to Plus 10%

Mechanical

Inlet Ports	1/4" BSP
Outlet Port	1/4" BSP
Manual Over ride	Standard
Flow Rate	2000 l/min
Pressure Range	1.5/8 Kg/cm ²
Pressure Rating [Proof]	10.5 Kg/cm ²
Max. Pressure	12 Kg/cm ²
Namur pattern	2x nitrile O-rings
Position [at rest]	Normally closed
Operating Fluid	40 micron filtered air

Technical Details

Body	Hard anodised
Colour - Body	Silver
Colour - End Caps	Black
Spool - corrosion resistant	Coated
O-Rings	2x nitrile
Body and End cap material	Aluminium
Coil Connection	Plug & socket
Coil cable entry - integral [DIN]	10 mm diameter
Armature	Anti corrosive coating
Moulding	Plastic
Marking	Full electrical specification

Adapter Plate (for 3/2 Option only)

Material	Aluminium
O-Rings	2x nitrile
Exhaust Filter	Sintered metal
Namur Pattern	YES

Part Description

Part no.

Solenoid & Coil DC024V 1/4" BSP IP65 SC/SR, N/C	S-4V-310-08B-DC024V
Solenoid & Coil AC110V 1/4" BSP IP65 SC/SR, N/C	S-4V-310-08B-AC110V
Solenoid & Coil AC240V 1/4" BSP IP65 SC/SR, N/C	S-4V-310-08B-AC240V
Coil DC024V	C-DC024V
Coil AC110V	C-AC110V
Coil AC240V	C-AC240V
3/2 Metal Adapter plate with filter	G-3/2Plate