

Solenoid valves for actuator control

Applications

3- or 4-way directional valves for control of single - or double acting pneumatic actuators.

A patented sealing plate is incorporated to the body - providing on-site conversion of the valve from 5/2 to the 3/2 function (or vice versa) by simply rotating the plate through 180°. In the 3/2 function it provides venting of spring chambers to prevent corrosion which normally occurs when environmental air penetrates into the actuator.

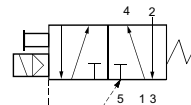
The interface design corresponds to the German NAMUR standard and the VDI/VDE 3845 recommendations of the actuator industry and permits a compact design of the actuator/valve unit.



3/2 5/2

Port size	Orifice (mm)	Flow factors (L/min)	Admissible differential pressure bar		Fluid temp. °C		Seat disc	Reference numbers				Power consumption (W)	Wt. (g)	El. Part Group *	Dim ref.
			Min	Max	Min	Max		Global valve reference	Valve reference no.	Housing	Coil	DC	AC		

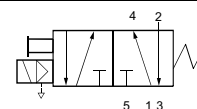
Pilot operated - Integrated pilot



Anod. aluminium body/NAMUR interface - Spool design

1/4 - 1/8	4	600	2	10	10	-25	80	NBR	2341NAKBJNM1	341N01	1	8993	488980	2.5	2	320	1	209
	4	600	2	10	10	-25	80	NBR	2341NAKBJNM0	341N11		8993	488980	2.5	2	320	1	208

Pilot operated



Anod. aluminium body/NAMUR interface - Spool design

1/4 - 1/8	4	600	2	10	10	-25	80	NBR	7341NAKBJNM1	341N21		2995	481865	9	8	390	2	210
	4	600	2	10	10	-25	80	NBR				4270	481000	8	8	500	2	

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Notes:

* See Electrical Parts Group table at end of section

1. Manual override standard

Solenoid valves for actuator control - 3/2 or 5/2 valves - NAMUR interface-Spool design

