



GEM-SOL Direct Operated 1/8", 1/4" 3/2 Way NC, NO

General Description

GEM-SOL 3/2 way NC or NO solenoid valves are recommended for heavy duty applications where high performance is required.

They can be used for industrial and irrigation control and automation systems. These valves are suitable to work with air, water and oil; please consult with us if you need the valves to work with other fluids.



Notes

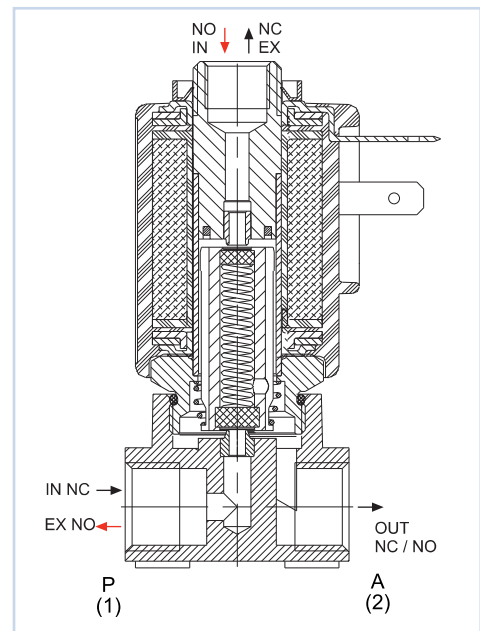
- Valves are inspected at general pressures of 175 psi or less (see table). Valves for higher pressures are available.
- Valves for pressure higher than 360 psi are without manual override. (For valves with pressure higher than 175 psi, please refer to section 5 on page 7.5).
- ADC valves are suitable to work only with AC 8W or DC 10W coils.
- 3W NO with GEM-O-□4a (through base) operators are without manual override.
- Latch valves are available upon request.
- To order valves manufactured to your specific requirements, please contact our technical sales department.

How to Order

Example : GEM-A-21131E2-311

Is a GEM-SOL direct operated, Brass, 1/8" NPT, 3WNC, 1/32" orifice, EPDM seals, slot manual override, 24V AC 8W 50 Hz with connector.

Note: When ordering without coil, please define what current and pressure rating is needed (DC, AC or ADC). When this information is not defined, an ADC valve will be supplied.



GEM-A	Body	Port	Function	Orifice Diameter (mm)	Seals	Manual Override	Voltage	Power	Connector								
Mazak	1	1/8"BSP	10	3W NC	3	1/32	1	NBR	N	None	0	W/out coil	0	No coil	0	without	0
Brass	2	1/8"NPT	11	3W NO	4	3/64	2	FKM	V	Plastic	1	6	1	AC8W 50Hz	1	with	1
Stainless steel	3	1/4"BSP	20	3W NO ⁽²⁾	4a	1/16	3	EPDM	E	Slot	2	12	2	AC8W 60Hz	2	with LED	2
						5/64	4	Kalrez ⁽¹⁾	K	Knob	3	24	3	DC10W	3	with bi color LED	3
						3/32	5	PTFE	T			48	4	AC5.5W50Hz	4	flying leads coil	4
				0.118	6							110	5	AC5.5W60Hz	5	with 1/2" Hub	5
												120	6	AC2.5W	6	surge protection	6
												230	7	DC5.5W	7	with LED	7
												240	8	DC3.5W	8	other	8
												other	9			other	9

(1) Kalrez® O-ring is available only upon request. When ordering Kalrez seals, please consult with our technical sales department about O-ring compound

(2) Option 4a is without manual override