GEM-FLOW™ | G75-VSA

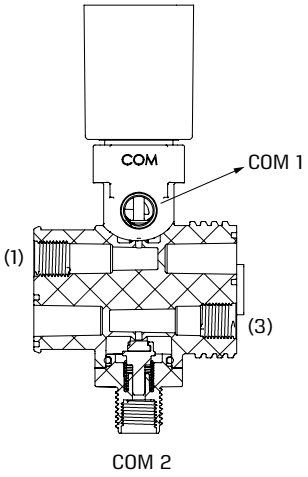
1/8" Stand-alone Solenoid 3 Way NC, NO

Technical Data

Function	3 Way NC, NO
Ports size	1/8" BSPT & NPT
Orifice size	1.8 mm
Pressure range	0 to 8 bar
Switching time	30-50 ms
Temperature range	**Fluid:** 0°C to 50°C (no freezing) **Ambient:** -10°C to 50°C
Materials in contact with media	**Manual override:** Plastic (Reinforced Nylon) **Main Valve:** Plastic (Reinforced Nylon & POM) **Solenoid Operator:** Stainless Steel AISI 300 & 400 series **Seals:** EPDM
Mounting	Lock nut on the bottom COM port
Manual override	**Latch**: 3 position latch: Auto, Close, Open **AC**: 2 position: Auto, Open
Media	Air, water
Coil voltage	Latch, AC (according to table)
Standard protection class	IP66

* Can **only** be operated with supplied coil

PORT	NO	NC
1	Exhaust	Pressure
3	Pressure	Exhaust
COM	Out	Out



Voltage & Current

AC & DC

Solenoid	Inrush [A]	Holding [A]
24VAC-50 Hz	0.33	0.21

Latch Coil Resistance vs Input Voltage

Recommendations chart

Resistance [Ω]	Input voltage range [V]
4	6 - 9
9	12 - 14
12	14 - 16
23	18 - 21

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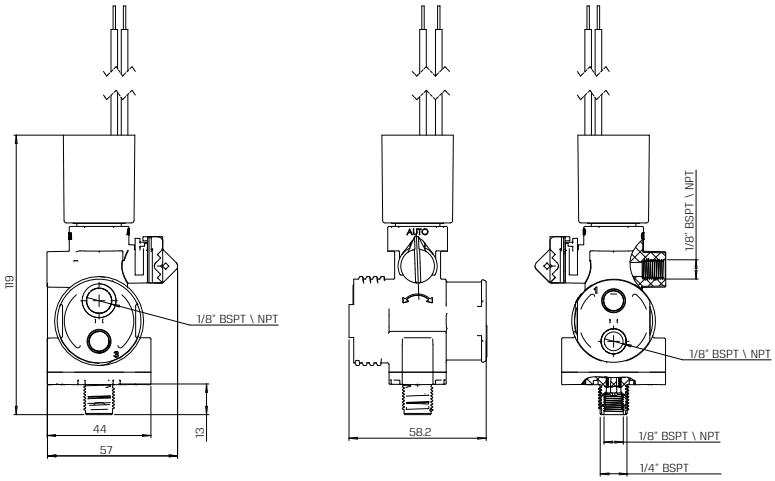
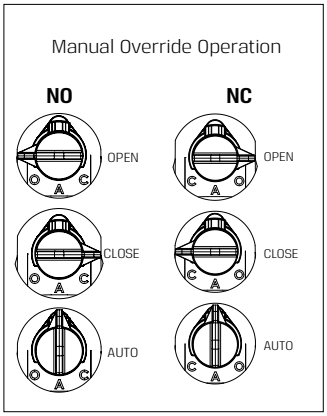
Dimensions





How to Order

G75-VSA	-	BODY		PORT		FUNCTION		MANUAL OVERRIDE		ORIFICE		SEALS		-	TYPE		OUTLET (3)		WIRES	
		Plastic	4	1/8" BSPT	10	3W NC	3	Plastic	1	1.8	3a	EPDM	E		24VAC-50Hz (1)	S1	COM 1	1	two	Null
				1/8" NPT	11	3W NO	4								4Ω (2)	SB	COM 2	2	three (4)	a
															9Ω (2)	SC				
															12Ω (2)	SD				
															23Ω (2)	S6				

Example: **G75-VSA-410313aE-SB1**
GEM-FLOW™ G75-VSA stand-alone solenoid, plastic, 1/8" BSPT, 3W NC, plastic manual override, 1.8 orifice, EPDM seals, 4Ω latch, COM 1 outlet, two wires

(1) Refer to Voltage & Current AC & DC
(2) For Latch : Refer to Latch Coil Resistance vs Input Voltage | Recommendations chart
(3) A plug will be fitted on the other outlet port
(4) Latch only

* To order valves manufactured according to your specific requirements, please contact our technical sales department