

SOLENOID VALVES

GEM-FLOW™ | GALIT

1/8" 3 Way Pilot Operated NC, NO

Technical Data

Function	3 Way NC, NO
Ports size	1/8" BSP & NPT
Orifice size	5mm
Pressure range	1 to 10 bar
Temperature range	Fluid: 5°C to 50°C (no freezing) Ambient: -10°C to 50°C
Materials in contact with media	Main Valve: Plastic (Reinforced Nylon) Solenoid Operator: Stainless Steel 300 & 400 series Seals: NBR Spring: Stainless Steel AISI 300 series
Manual override	Manual override with 3 positions: • AUTO - for automatic operation (valve is open when solenoid is energized) • MANUAL - valve is kept open • CLOSE - valve is kept closed
Solenoid	Assembled with 3W NO 1.2mm G75 operator
Coil voltage	• Voltage and power consumption - see table
Standard protection class	IP66

* Available with a manifold bracket upon request.
Please contact our technical sales department



Voltage & Current

AC & DC

Solenoid	Voltage	Inrush [A]	Holding [A]
2 Way 50 Hz	V +10% -20%	0.3	0.19
2 Way 60 Hz		0.2	0.14
3 Way 50/60 Hz *		0.125	0.125
DC		4.5W	

* Except 24V AC without Diode

Voltage & Power Consumption

	AC (W) 50 Hz	DC (W)
V	2	4.5
12	•	•
24	•	•

• Available options

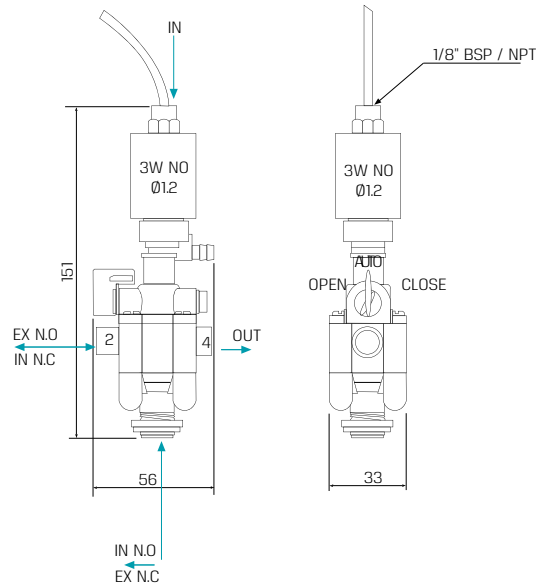
Latch Coil Resistance vs Input Voltage

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

GALIT	-	PORT	VOLTAGE ⁽¹⁾		MOUNTING BRACKET		WIRES		
		1/8" BSP	10	24V AC	1	without	0	two	null
		1/8" NPT	11	24V AC w/out Diode	1R	with	1	three ⁽²⁾	a
				12V AC	3				
				12V DC	4				
				24V DC	5				
				23Ω	6				
				4Ω	B				
				9Ω	C				
				12Ω	D				

Example: GALIT-1011

GEM-FLOW™ GALIT pilot operated, 1/8" BSP, 24V AC with mounting bracket, two wires

(1) For Latch: Refer to Latch Coil Resistance vs Input Voltage | Recommendations chart

(2) For Latch only

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