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			0.3	0.19	
2 Way 60 Hz	11	+10%	0.2	0.14	
3 Way 50/60 Hz *	V	n-20%	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

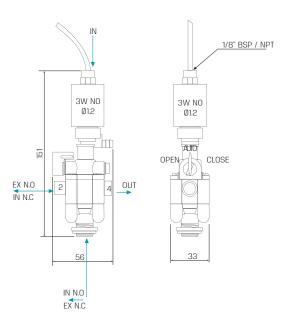
Resistance $[\Omega]$	Input voltage range [V]
4	6 - 9
9	12 - 14
12	14 - 16
23	18 - 21





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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⁾	а
				12V AC	3				
				12V DC	4				
				24V DC	5				
				23Ω	6				
				4Ω	В				
				9Ω	С				
				12 Ω	D				

Example: GALIT-1011

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

- For Latch: Refer to Latch Coil Resistance vs Input Voltage | Recommendations chart
 For Latch only
- * To order valves manufactured according to your specific requirements, please contact our technical sales department

