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	+10% n-20%	0.3	0.19
2 Way 60 Hz		0.2	0.14
3 Way 50/60 Hz *		0.125	0.125
3 Way NC 50Hz		0.6	0.36
3 Way NO 50Hz		0.53	0.36
DC		4.5W	

Voltage & Power Consumption

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

• Available options

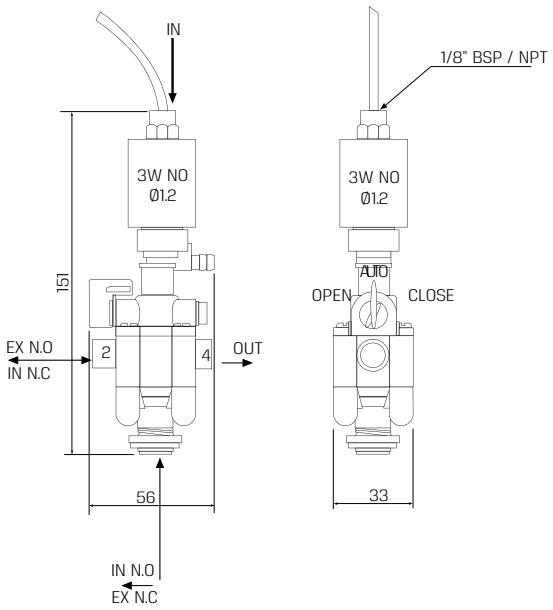
Latch Coil Resistance vs Input Voltage

Recommendations chart

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

GEM-FLOW™ | GALIT | 1/8" 3 Way Pilot Operated NC, NO

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

GEM-GALIT

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:** Reinforced Nylon **Solenoid Operator:** Stainless Steel AISI 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 GEM-OG operator, 1.6
Coil voltage	Voltage and power consumption - see table • • All Baccara coil voltages are ± 10% of nominal
Standard protection class	IP66



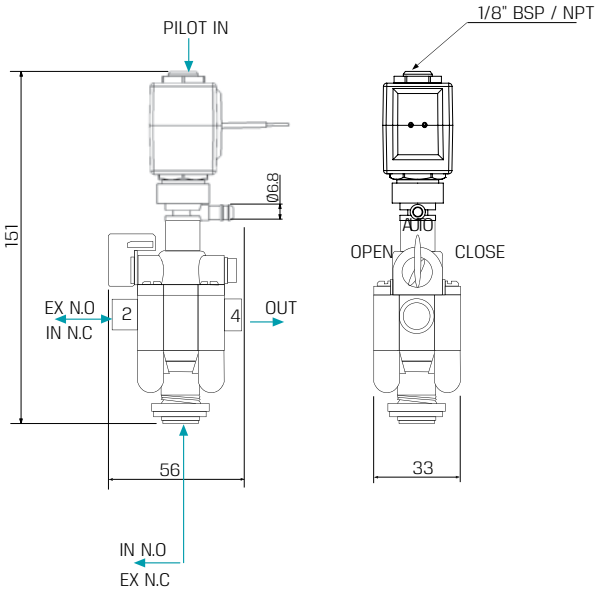
Voltage & Power Consumption

	AC (W)						DC (W)		
	50 Hz			60 Hz					
V	8	5.5	2.5	8	5.5	2.5	10	5.5	3.5
6							•	•	•
12	•			•			•	•	•
24	•	•	•	•	•	•	•		•
48	•			•			•		
110	•			•	•		•		
120	•			•					
220	•	•	•	•			•		
230	•	•		•	•				
240	•			•			•		

• Available options

GEM-GALIT | 3 Way pilot operated NC, NO

Dimensions



How to Order

GEM-GALIT	-	PORT		-	VOLTAGE		POWER		CONNECTOR		MOUNTING BRACKET	
		1/8" BSP	10		w/out coil	0	No coil	0	w/out	0	w/out	0
		1/8" NPT	11		6	1	AC8W 50Hz	1	with	1	with [2]	1
					12	2	AC8W 60Hz	2	with LED	2		
					24	3	DC10W	3	with bi- color LED	3		
					48	4	AC5.5W 50Hz	4	flying leads coil	4		
					110	5	AC5.5W 60Hz	5	with 1/2" Hub	5		
					120	6	AC2.5W 50/60Hz	6	surge protection with LED	6		
					220	7A	DC5.5W	7	connector with moulded cable	7		
					230	7	DC3.5W	8	other	9		
					240	8						
					Latch/other [1]	9						

Example : **GEM-GALIT-10-3110**
GEM-GALIT pilot operated, 1/8" BSP, 24V AC8W 50Hz, with connector, without mounting bracket.

(1) For specifying Latch type coil, please refer to GEM-BL - How to Order table
(2) For Latch only

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