

ELECTRIC & HYDRAULIC VALVES

GEM-FLOW™ | G75-S

Pilot Operated 1/2" 2 Way NC

Technical Data

Function	2 Way NC
Ports size	1/2" BSP & NPT
Orifice size	12mm
Pressure range	0.5 to 12 bar * Minimum pressure differential of 0.5 is required
Kv (l/min)	35 l/min
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 AISI 300 & 400 series Seals: NBR, EPDM, FKM Spring: Stainless Steel AISI 300 series
Solenoid	G75 2W NC solenoids, all voltages.
Coil voltage	• Voltage and power consumption - see table • All Baccara coil voltages are ± 10% of nominal
Standard protection class	IP65



Voltage & Power Consumption

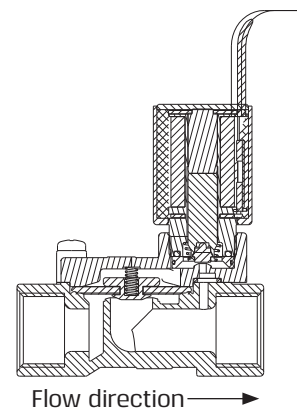
	AC (W)	DC (W)
	50 Hz	
V	2	4.5
12	•	•
24	•	•
110	• 2 Way only	

- Available options

Voltage & Current

AC & DC

Solenoid	Voltage	Inrush [A]	Holding [A]
2 Way 50 Hz	V +10% n-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	



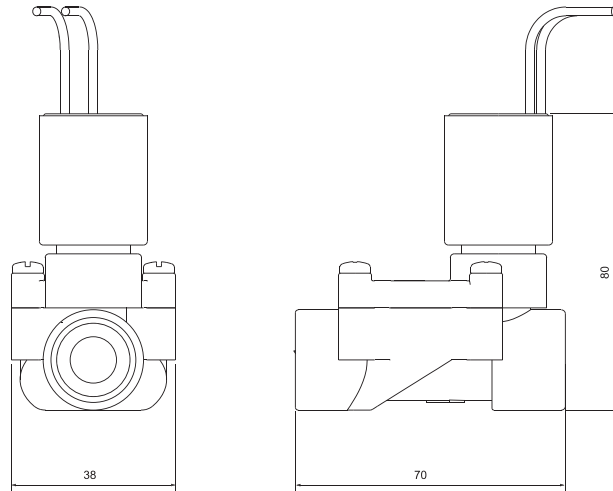
Latch Coil Resistance vs Input Voltage

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-S	BODY	PORT	FUNCTION	SEALS	MANUAL OVERRIDE	VOLTAGE ⁽¹⁾	WIRES
-	Plastic 4	1/2" BSP 40	2W NC 1	NBR N	None 0	24V AC 1	two null
		1/2" NPT 41		FKM V		12V AC 3	three ⁽²⁾ a
				EPDM E		12V DC 4	
						24V DC 5	
						23Ω 6	
						110V AC 7	
						4Ω B	
						9Ω C	
						12Ω D	

Example: G75-S-4401N0-1

GEM-FLOW™ G75-S pilot operated, 1/2" BSP, 2W NC, NBR, no manual override, 24V AC, 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