GEM-SOL® | I32 (GEM-I)

Inline 1/8", 1/4" | 2 Way NC, NO

Technical Data

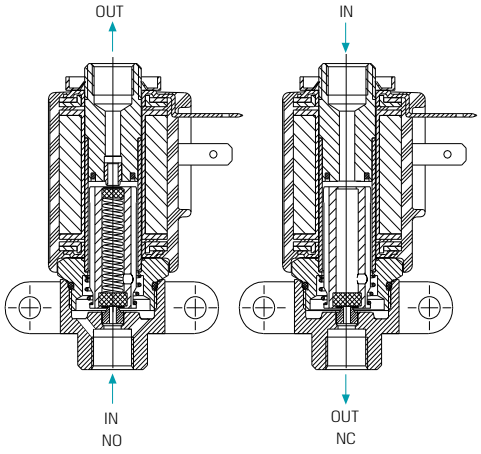
Function	2 Way NC, NO
Ports size	1/8", 1/4" BSP & NPT
Orifice size	See table
Pressure range	See table • Higher pressures are available
Kv (l/min)	See table
Temperature range	**Fluid :** -10°C to 80°C (no freezing) **Ambient :** -10°C to 50°C
Materials in contact with media	**Main Valve:** Brass **Solenoid Operator:** Stainless Steel AISI 300 & 400 series **Seals:** NBR, FKM, EPDM
Media	Air, water, oil
Coil voltage	• Voltage and power consumption - see table • All Baccara coil voltages are ± 10% of nominal
Standard protection class	IP65 with connector * Option : IP68 (please refer to GEM-BP Coil)

• Latch valves are available upon request.

Inline

Max. Pressure (bar) 2 Way NC

Coil Current/Power	Orifice (mm)			
	0.8	1.6	2.4	3.0
ADC *	40	30	17	10
AC8W, DC10W	45	37	20	12
AC5.5W	40	32	16	8
DC5.5W	35	30	12	6
Flow factor Kv(l/min)	0.5	1.7	3.5	4.5



Max. Pressure (bar) 2 Way NO

Coil Current/Power	Orifice (mm)			
	0.8	1.6	2.4	3.0
ADC *	32	27	13	9
AC8W, DC10W	35	32	18	12
Flow factor Kv(l/min)	0.5	1.6	3.2	3.8

* ADC valves are only suitable for use with AC8W or DC10W coils.

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

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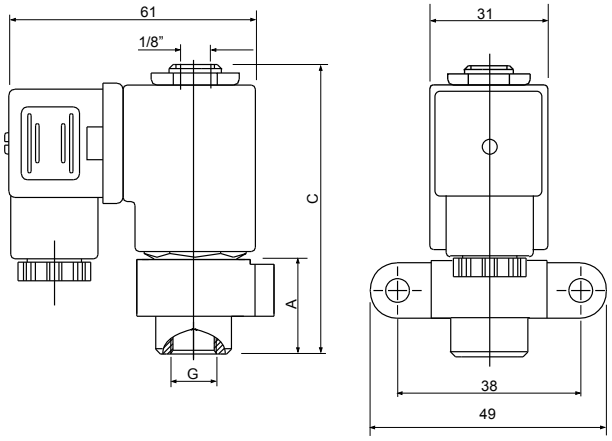
Dimensions



Size (G)	A	C
1/8"	20	68
1/4"	23	88

"INLINE" Mounting

How to Order

GEM-I	-	BODY	PORT	FUNCTION	ORIFICE	SEALS	-	VOLTAGE	POWER	CONNECTOR
		"Inline" mounting 5	1/8" BSP 10	**2W NC *** 1	0.8 1	NBR N		without coil 0	No coil 0	with 1
			1/8" NPT * 11	2W NO 2	1.2 2	FKM V		6 [1] 1	AC8W 50Hz 1	with LED 2
			1/4" BSP * 20		1.6 3	EPDM E		12 2	AC8W 60Hz 2	**flying leads coil * 4**
			1/4" NPT * 21		2.0 4			24 3	DC10W 3	with 1/2" Hub 5
					2.4 5			48 4	AC5.5W 50Hz 4	**surge protection with LED * 6**
					3.0 6			110 5	AC5.5W 60Hz 5	connector with moulded cable 7
								120 6	DC5.5W 7	other 9
								220 7A		
								230 7		
								240 8		
								Latch/other * [2] 9		

*** SPECIAL OPTIONS |** Extended lead times, Non-stock items, MOQ may be applicable

Example : **GEM-I-51015N-331**

GEM-SOL® I32 (GEM-I) direct operated, Inline Mounting, 1/8" BSP, 2W NC,
2.4 orifice, NBR, 24VDC 10W with connector.

(1) DC only
(2) When specifying Latch type coil, please refer to A3P32 (GEM-A3P) valve - How to Order table.

* Note: When ordering without coil, please define what current and pressure rating is needed (DC, AC or ADC), otherwise an ADC valve will be supplied.

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