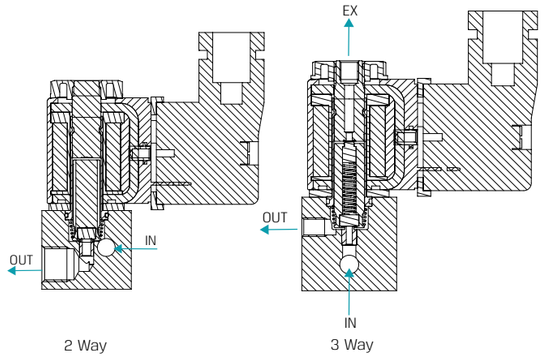
SOLENOID VALVES | General Purpose

Direct Operated | Manifolds

G80-M | Solenoid Valves Manifold



2 Way 3 Way

Technical Data

Function	2 Way, 3 Way NC
Orifice size	See table
Ports size	1/8" BSP & NPT, M5, #10UNF
Pressure range	See table
Kv (l/min)	See table
Temperature range	**Fluid :** -10°C to 80°C (no freezing) **Ambient :** -10°C to 50°C
Mounting	Coil can be mounted in 2 positions at 180° apart and the coil plug can rotate to 2 positions at 180°.
Materials in contact with media	**Main Valve:** Aluminium, Stainless Steel AISI 316, Brass **Solenoid Operator:** Stainless Steel AISI 300 & 400 series, Brass **Seals:** NBR, FKM, EPDM, FFKM
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

Max. Pressure (bar) 2W, 3W NC table

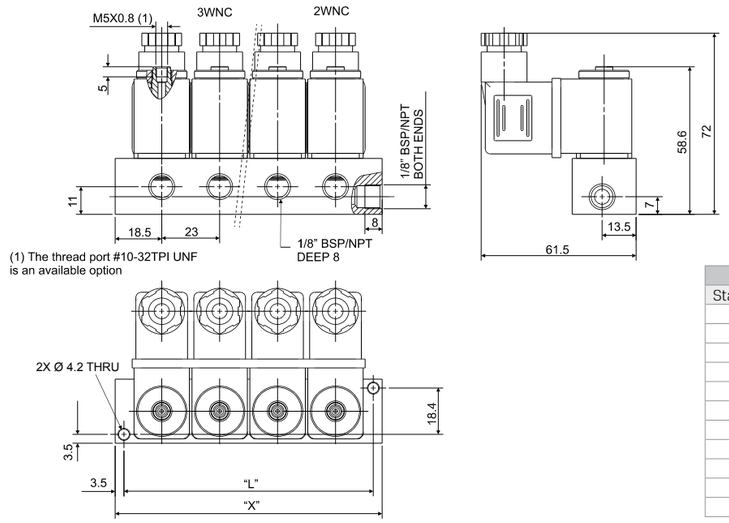
Coil Current/Power	Orifice (mm)	
	1.2	1.6
AC - 7.5W	12	10.5
AC - 4W	10	7
DC - 6.5W (2)	12	10.5
DC - 3W	10	7
Flow factor Kv(l/min)	0.65	1

Voltage & Power Consumption

	AC (W)				DC (W)	
	50 Hz		60 Hz			
V	7.5	4	6	3	6.5	3
6					•	•
12	•	•	•	•	•	•
24	•	•	•	•	• (2)	•
110	•	•	•	•		
230	•	•	•	•		

• Available options

Dimensions



Station	
Station	X(mm)	L(mm)
2	60	53
3	83	76
4	106	99
5	129	122
6	152	145
7	175	168
8	198	191
9	221	214
10	244	237
11	257	250
12	270	263

How to Order

* When ordering without coil, please define what current and pressure rating is needed (DC, AC)

G80-M	-	# STATIONS	BODY (1)	PORT	FUNCTION	ORIFICE	SEALS	-	VOLTAGE	POWER	CONNECTOR
		Specify 00-12	Aluminium 1	M5 00	2W NC 1	1.2 2	NBR N		W/out coil 0	No coil 0	without 0
			Brass 2	#10UNF 01	2W NO 2	1.6 3	FKM V		6 1	AC7.5W 50Hz 1	with 1
			Stainless Steel 3	1/8" BSP 10	3WNC 3		EPDM E		12 2	AC6W 60Hz 2	with bi- color LED 2
				1/8" NPT 11	3WNO 4		FFKM K		24 3	DC6.5W (2) 3	surge protection with LED 3
									110 5	AC4W 50Hz 4	flying leads coil 4
									230 7	AC3W 60Hz 5	other 9
									other 9	DC3W 7	

Example : G80-M-0811033N-311
G80, 8 station manifold, aluminium, 1/8" BSP, 3W NC,
1.6mm orifice, NBR, 24V AC 7.5W 50Hz with connector.

G80-M	-	08	1	10	3	3	N	-	3	1	1

(1) For Stainless Steel tube add "s" : e.g

G80-M	-	Xs	X	X	X	X	X	-	X	X	X

(2) 24VDC is 6Watt, 12VDC is 6.5Watt

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