

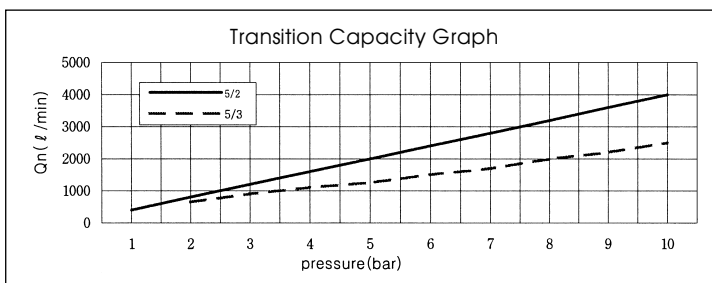
SN4000. 1/4

NAMUR Interface
Solenoid / Pneumatic Valves

- 5/2, 5/3-1/4
- 30mm Body Width
- Transition Flow 1800ℓ/min (5bar)

SPECIFICATION

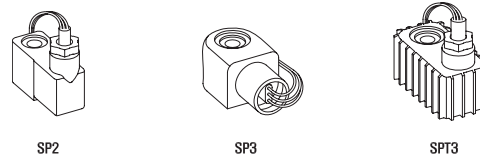
ITEM	FUNCTION	SOLENOID, PNEUMATIC	
		5 Port 2 Position	5 Port 3 Position
Fluids		Compressed Air & Inert Gases	
Pressure(bar)		1.5~10.0	2.0~10.0
Eff. Sectional Area(mm ²)-5bar		32.0	16.0
Ambient & Fluid Temp.		5~60°C (41~140°F)	
Response Time(5bar)		30ms or Less	40ms or Less
Max. Working Frequency		5c/sec	3c/sec
Lubrication		Not Required(Use ISO VG32 #)	
Manual Override		Push Button(Standard), Lever Lock(Option)	
Coil Insulation Class		F-Class or Equivalent	
Permissible Voltage Variation		±10% of Rated Voltage	
Off Min. Residual Voltage		AC:20% or Less / DC:10% or Less	
Power Consumption		Holding-AC:5.5VA(60Hz) / DC:2.5W	



The Material of Parts

- Valve Body : Die-Cast Aluminium
- Spool : Aluminium
- Seals : NBR
- Spring : Stainless
- Cap : Zinc Pressure Die-Cast
- Pilot Parts : Glass Filled Nylon
- Armature : Stainless Steel
- Armature Seals : Viton

Ex-Proof Coil

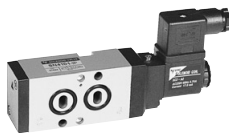


- * The specification on each item can be amended without any prenotice to improve a performance.
- * The specification on each item can be different from actual specification.

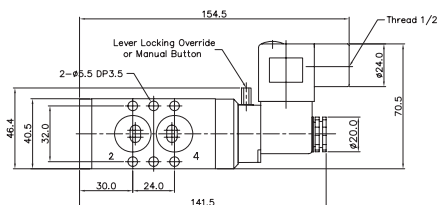
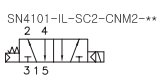
ORDERING NO.

SN4 1 0 1 - I P - SC2 - CN2 - A2

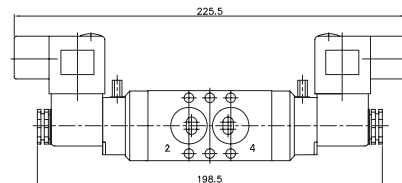
Valve Series	Function	Port Size & Thread	Return Method	Int/Ext. Pilot	Manual Operator	Solenoid Coil Type	Connector Type	Voltage
SN4 : Solenoid Valve	1 5/2 Single	0 G 1/4	0 None	I Internal Pilot	0 None	0 None	0 None	0 None
	2 5/2 Double	1 NPT 1/4	1 Air + Spring		P Push	SC2 3 Pin Connector Coil	CN2 Normal Connector	A2 AC 220V
	3 5/3 Closed Center		2 Air		Non-Locking	SG2 Grommet/Flying Leads	CD2 Connector With LED	A1 AC 110V
	4 5/3 Open Center		3 Spring		L Lever Locking	SD2 Grommet/Flying Leads With LED	CZ2 Connector With LED & Surge Suppressor	A4 AC 24V
SNP4 : Pneumatic Valve	5 5/3 Pressure Center					SP2 22mm 방폭코일	CNM2 Metal Connector	D4 DC 24V
						SP3 36mm 방폭코일	CDM2 Metal Connector With LED	D2 DC 12V
						SPT3 36mm 방폭코일	CZM2 Metal Connector With LED & Surge Suppressor	



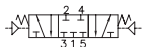
Solenoid & Pilot Actuated Spool Valves



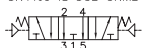
Double Solenoid
SN4200-IL-SC2-CNM2-**



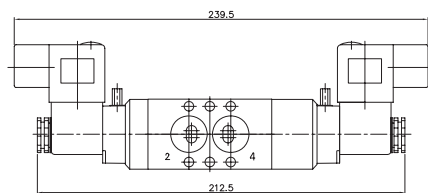
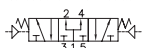
Closed Center
SN4303-IL-SC2-CNM2-**



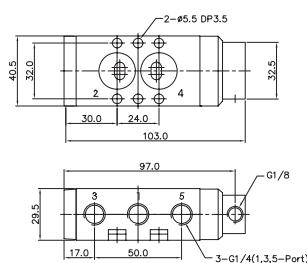
Exhaust Center
SN4403-IL-SC2-CNM2-***



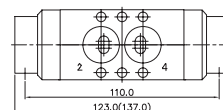
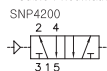
Pressure Center
SN4503-IL-SC2-CNM2-***



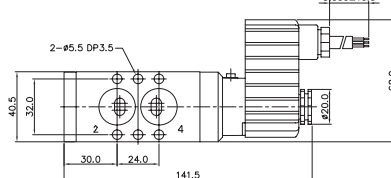
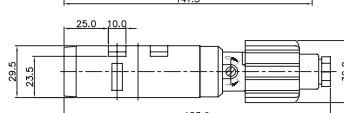
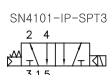
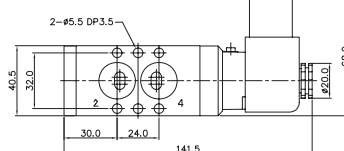
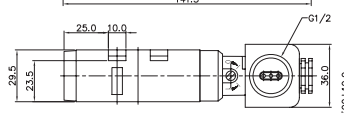
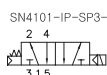
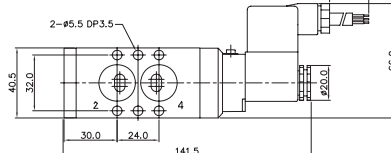
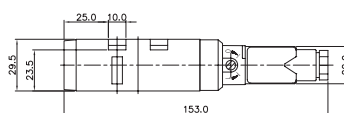
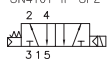
Single Pneumatic
SNP4101



Double Pneumatic



()안의 치수는 3-Position임

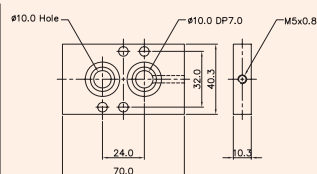
Single Solenoid
SN4101-IP-SP2-

Technical drawing of a mechanical part showing front, top, and side views with dimensions:

- Front View:** Shows a circular cross-section with a central hole. The outer diameter is 24.0. The inner hole has a diameter of 6.0. The total height of the part is 4.0.
- Top View:** Shows the circular cross-section with a central hole. The outer diameter is 24.0. The inner hole has a diameter of 6.0. The distance from the center of the hole to the edge of the part is 12.0.
- Side View:** Shows the profile of the part. The outer diameter is 24.0. The inner hole has a diameter of 6.0. The total height of the part is 4.0. The part has a flange with a thickness of 10.0 and a central hole with a diameter of 6.0. The flange has a radius of 3.5.

Sealing Area

SN3000-BLK



Single Acting Use Plate
SN3000-Plate

CNM2