

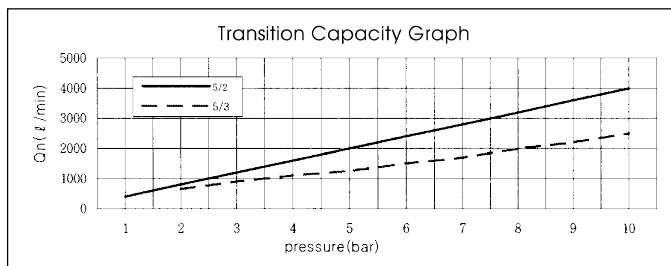
SN4000. 1/4

NAMUR Interface
Solenoid / Pneumatic Valves

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

SPECIFICATION

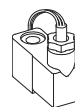
ITEM	FUNCTION	SOLENOID, PNEUMATIC	
		5 Port 2 Position	5 Port 3 Position
Fluids		Compressed Air & Inert Gases	
Pressure(bar)		1.5~10.0	2.0~10.0
Eff. Sectional Area(mm²)-5bar		32.0	16.0
Ambient & Fluid Temp.		5~60°C (41~140°F)	
Response Time(5bar)		30ms or Less	40ms or Less
Max. Working Frequency		5c/sec	3c/sec
Lubrication		Not Required(Use ISO VG32#)	
Manual Override		Push Button(Standard), Lever Lock(Optional)	
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	



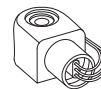
The Material of Parts

- 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

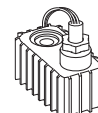
Ex-Proof Coil



SP2



SP3



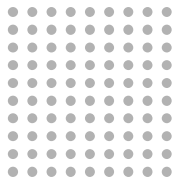
SPT3

※ 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	1 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	SD2 Grommet/Flying Leads	CD2 Connector With LED	A1 AC 110V
SNP4 : Pneumatic Valve	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 D4 DC 24V
	5 5/3 Pressure Center					SP2 22mm 방폭코일	CW2 Metal Connector	D2 DC 12V
						SP3 36mm 방폭코일	CM2 Metal Connector With LED	
						SPT3 36mm 방폭코일	CM2 Metal Connector With LED & Surge Suppressor	



Solenoid & Pilot Actuated Spool Valves

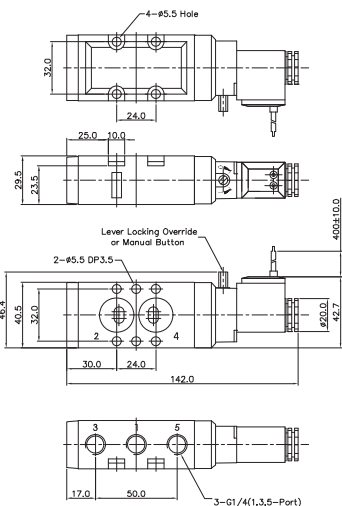
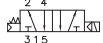


Namur
Port Thread 1/4

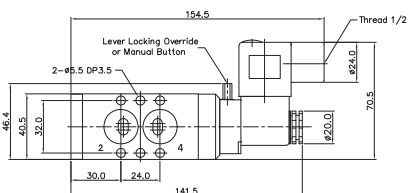
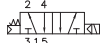
5Port 2Position Solenoid Valve

Single Solenoid

SN4101-IL-SD2-

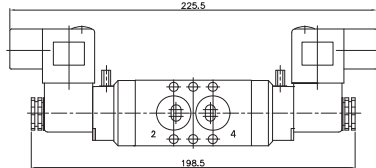


SN4101-IL-SC2-CNM2-*



Double Solenoid

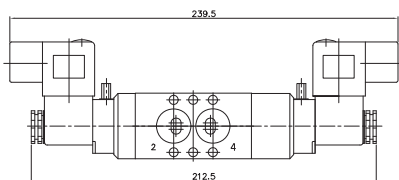
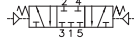
SN4200-IL-SC2-CNM2-*



5Port 3Position Solenoid Valve

Closed Center

SN4303-IL-SC2-CNM2-*



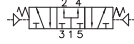
Exhaust Center

SN4403-IL-SC2-CNM2-*



Pressure Center

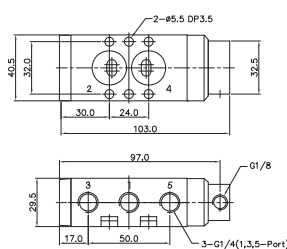
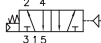
SN4503-IL-SC2-CNM2-*



5Port 2Position & 3Position Pneumatic Valve

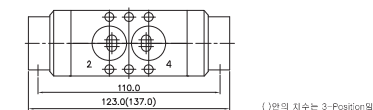
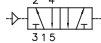
Single Pneumatic

SNP4101



Double Pneumatic

SNP4200

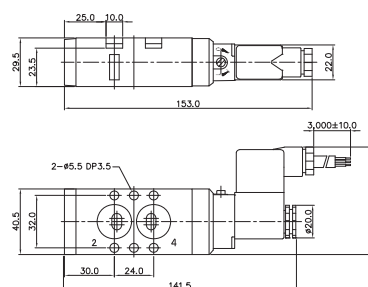
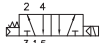


()안의 지수는 3-Position일

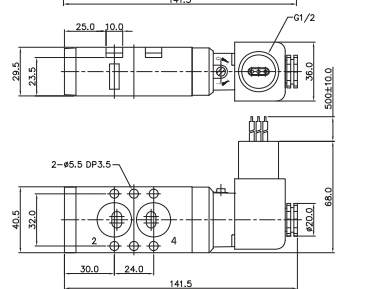
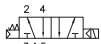
5Port 2Position Ex-proof Solenoid Valve

Single Solenoid

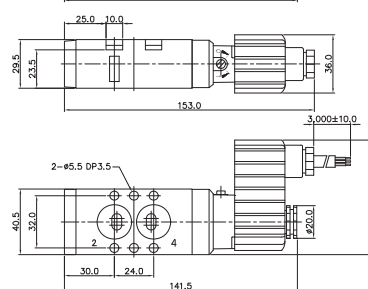
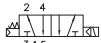
SN4101-IP-SP2-*



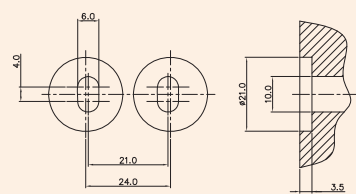
SN4101-IP-SP3-*



SN4101-IP-SP13-*

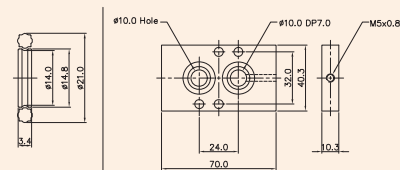


Sealing Part Dimension



Sealing Area

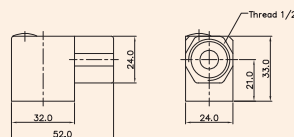
3-Port Blanking Part (Material : Al)



SN3000-BLK

Single Acting Use Plate
SN3000-Plate

Metal Connector (Material : ZnDC)



CNM2