

Point Nozzles

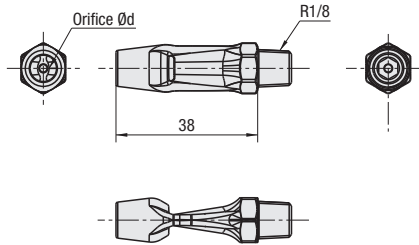
Air-Amplified / Reverse Flow Prevention

Air-Amplified



RoHS 10

Type	Material	Max. Operating Pressure	Heat Resistance Temp.
APNAD	PPS Resin	0.7MPa	200°C



Features: This is the energy-saving product intended to increase Air volume and speed out of the orifices (air outlets) by taking surrounding air.
High colliding force with less air enables energy saving and air consumption reduction.
PPS Resin is used to improve oil and heat resistance.
Hex socket type connecting port can be replaced with the other easily when the thread is accidentally damaged.

- To prevent damage
- Avoid excessive tightening of screw.
- Avoid shocks to the screws.

Part Number	Orifice	Unit Price	Volume Discount Rate
Type	No.	d Selection	1 ~ 4 pc(s)
APNAD	1	1	
		1.5	
		2	



Ordering Example

Part Number - d
APNAD1 - 1.5

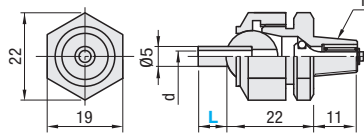
For orders larger than indicated quantity, please check with WOS.

Reverse Flow Prevention



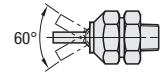
RoHS 10

Type	Material			
	Pipe, Ball, Body, Washer	Spring	O-Rings	E-Ring
PNZCV	SUS303	SWP-A	Nitrile Rubber	Spring Steel



Features
Point Nozzles with built-in Check Valve.
Air can be stored in the pipe. High reactive air blow is possible.

Angle Adjustable Range: 60°
Tighten the hex nut and fix the nozzle at a desired angle.



- Air can not be stored completely.
- Do not disassemble the main body.

Part Number	L	Cracking Pressure	d	T	Unit Price	Volume Discount Rate		
Type	No.	Selection	(MPa)		1 ~ 4 pc(s).	5-9 10-29 30-50		
PNZCV	1	10	0.05	3				
		30						
		50						
	2	10					0.1	
		30						0.2
		50						

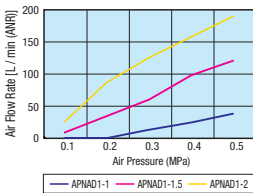


Ordering Example

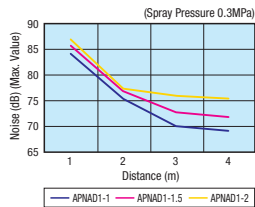
Part Number - L - Cracking Pressure (MPa)
PNZCV1 - 30 - 0.1

For orders larger than indicated quantity, please check with WOS.

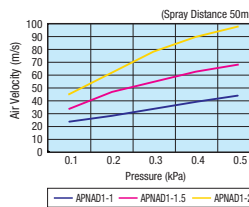
APNAD Air Flow Rate Property Table



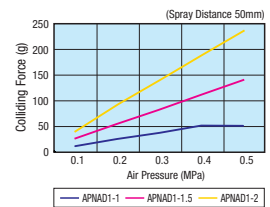
APNAD Quietness Property Table



APNAD Velocity Property Table



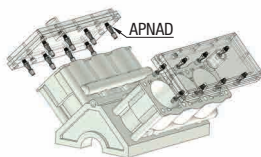
APNAD Air Colliding Force Property Table



Values on the graph are for reference, not guaranteed.

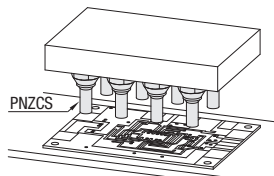


Example



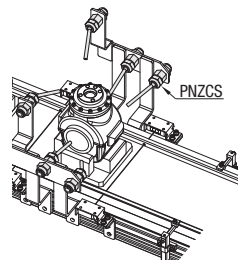
(Cleaning of Automotive Parts)

High colliding force with less air enables energy saving and air consumption reduction.



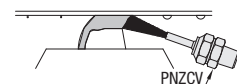
(Surface Cleaning of Electronic Circuit Board)

Possible to adjust the spray angle without using tools and can be easily used in congested spaces.



(Cleaning of Mechanical Parts)

Angle-adjustable and suitable for air blow for complex shapes of workpieces.



(N₂ spray for antioxidizing of solder)

Can prevent reverse flow and thus, block the outside air being mixed into the blowing air.