

320 Series



MINI SOLENOID VALVE
PNEUMATIC DIVISION

MATRIX
mechatronics

320 Series - Model 321

3/2 2/2 NC NO



CONTROL	DIRECT	PFM	PNM	PWM
2/2		3/2		
NC	NO	NC	NO	

GENERAL CHARACTERISTICS	
Working fluid (0 to 50 °C)	Non-lubricated dry air, inert gases
Filtration requirements	40 micron (min.)
Temperature range	-10 to 50 °C (ambient)
Opening time	3 ms
Closing time	1,5 ms
Maximum working frequency	200 Hz
Weight	~ 9 gr.
Product life expectancy	up to ½ billion cycles
IP rating	IP52 (std.) - IP62 (opt.)

PRODUCT IDENTIFICATION

D C X 3 2 1 1 E 3 C 3 2 4

OUTLETS

1 1 Outlet

SINGLE OUTLET FLOW RATE (at 6 bar)

C	30 L/min.

VERSION

D	Manifold version (NBR flap)

No. ELECTRICAL CONTROLS

1	N°1	Control

PORT CONNECTION

E	Integrated connection (Compatible Molex Pico-spox IP52)
0	500 mm. Moulded-in IP62 cable (Coming soon)
1	100 mm. Moulded-in IP62 cable (Coming soon)

FUNCTION

C	NC
A	NO

TYPE

3	3/2
2	2/2

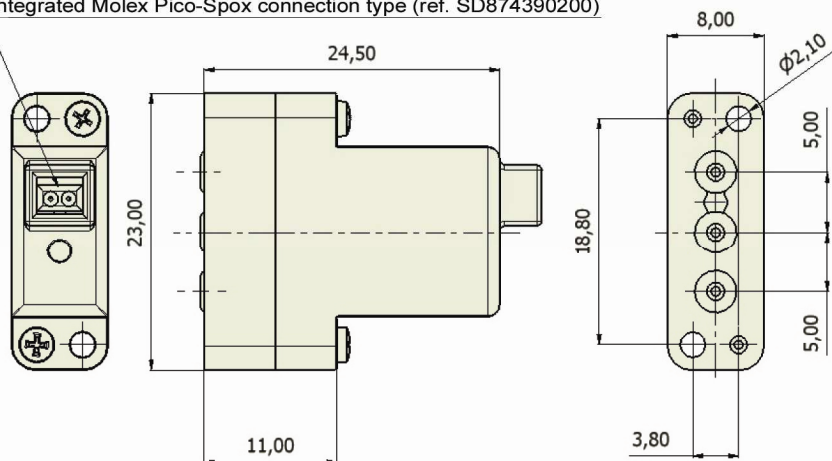
CONTROL TENSION

24	24 Vdc ±10%
KK	24/5 voltage speed-up [V] (Coming soon)

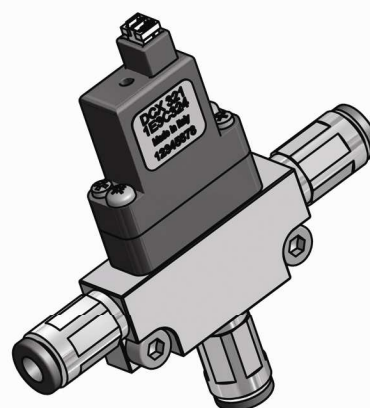
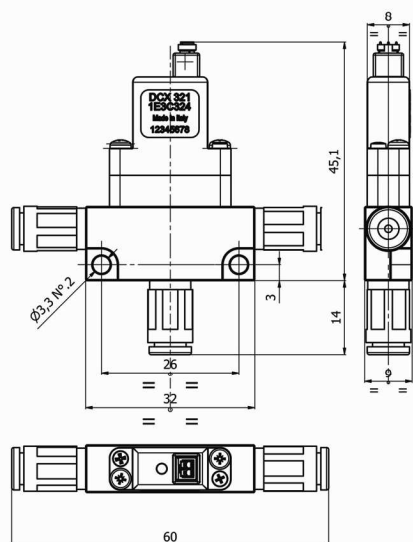
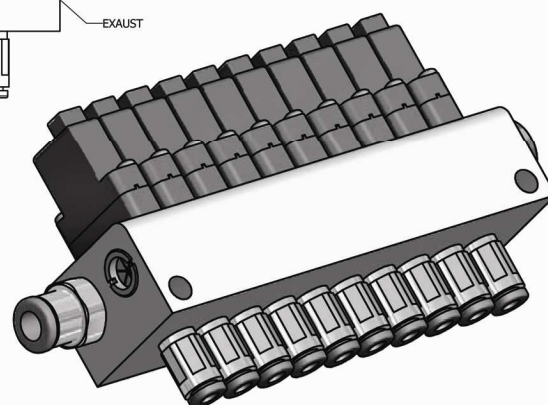
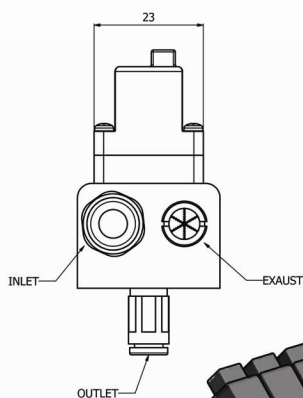
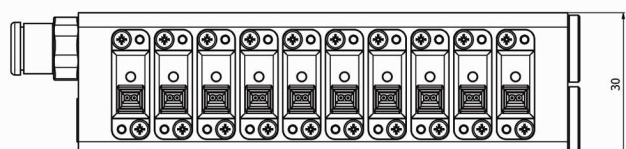
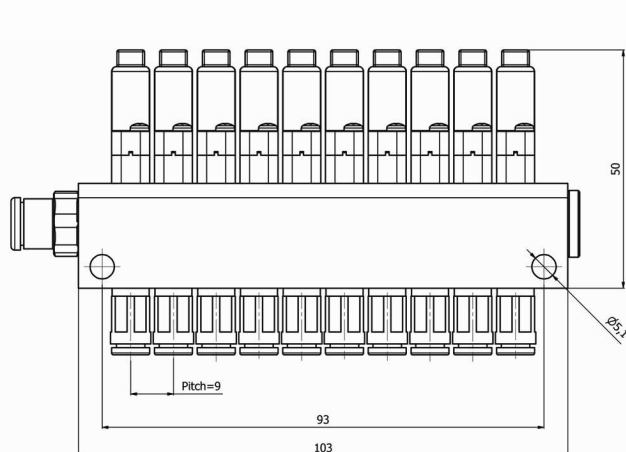
OPERATING PRESSURE

	RANGE	MODELS
3	0-8 bar	ALL

Integrated Molex Pico-Spox connection type (ref. SD874390200)



Subplates / Manifolds (1, 2, 4, 6, 8, 10 seats)



Note: Custom executions and accessories available upon request. Please contact our Sales Dept. for more details.