

Valves

NANOVALVES ISO 15218 - B10/B12

90° connector



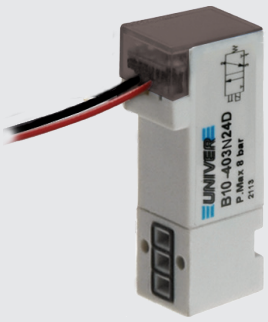
In-line connector(on request)



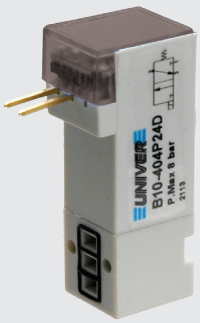
90° cables



In-line cables



In-line PIN



SINGLE BASES	MULTIPLE BASES	STANDARD B10	HIGH FLOW RATE B12
			
07V 1B 0 00 01	07V 1B 0 00 02 07V 1B 0 00 06 07V 1B 0 00 08	0,3 W 10 Nl/min	0,6 W 28 Nl/min

SERIES B10 - 10 MM NANOVALVES - LOW POWER CONSUMPTION - ISO 15218

ISO 15218 - 10 mm Nanovalves - standard

- Low input standard: 0,45 W
- Flow-rate: 10 Nl/min
- Quick response time: 3 ms
- ISO 15218 interface
- 3/2 NC version
- Led standard

Fluid	10 µm filtered air, with or without lubrication
Ambient temperature	-5 ÷ +50 °C
Fluid temperature	Max +50 °C
Ways/Positions	3/2 NC
Pressure	Max 7 bar
Control	electric
Return	mechanical spring
Operating frequency	5 Hz (Max 8 Hz)
Assembly	n. 2 screws M1,7
Connections	interface ISO 15218
Nominal Ø (mm)	0,7
Nominal flow rate (Nl/min)	10
Valve body	self-extinguishing technopolymer
Seals	VITON/NBR
Components	stainless steel - brass
Voltage	da 10 V a 26 V
Voltage tolerance	±10%
Power consumption	0,45 W (spunto 2,15 W max 25 ms)
Electrical connection	connector D535 U40 (IP65), welded pin (IP00), Molex
LED	yellow (standard)
Manual override	monostable button

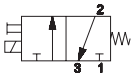


Series	Model	Type	Function	Variant	Voltage
B 1 0	4	0	1	L	2 4 D
B10 Nanovalves low power consumption	**4** Monostabile	**0** = 3/2 NC	**1** With manual override L variant **3** With manual override P variant **upon request** **5** With manual override M variant	**L** 90° connector protected pins **P** In-line connector for assembly on electronic board **upon request** **M** In-line connector protected pins	**24D** 24 V DC

RIGHT-ANGLE CONNECTOR WITH PROTECTED PINS



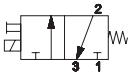
B10-401L24D 3/2 NC



IN-LINE PINS (SUITABLE FOR PCB MOUNTING)



B10-403P24D 3/2 NC



MINIATURE CONNECTOR WITH WIRE LEADS

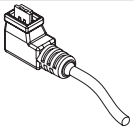


D-530-30

D-530-50

D-530-200

SINGLE CONNECTOR WITH 0.3–0.5 M CABLE



D-535U40300

D-535U40500

Fixing screws standard supplied. Max tightening torque 0,15 Nm

MEMBER OF AIGNEP

SERIES B12 - NANOVALVES 10 MM

Nanovalves 10 mm - high flow rate - ISO 15218

- High flow-rate: 30 Nl/min
- Quick response time: 3 ms
- ISO 15218 interface
- 3/2 NC version
- Led standard
- 40 Nl/min flow rate version (upon request)

Fluid	10 µm filtered air, with or without lubrication
Ambient temperature	-5 ÷ +50 °C
Fluid temperature	Max +50 °C
Ways/Positions	3/2 NC
Pressure	Max 7 bar
Control	electric
Return	mechanical spring
Operating frequency	5 Hz
Assembly	n. 2 screws M1,7
Connections	interface ISO 15218
Nominal Ø (mm)	1,3
Nominal flow rate (Nl/min)	28
Valve body	self-extinguishing technopolymer
Seals	VITON/NBR
Components	stainless steel - brass
Voltage	da 18 V a 26 V
Voltage tolerance	±10%
Power consumption	0,7 W (speed-up 5,5 W)
Electrical connection	connector D535 U40 (IP65), welded pin (IP00), Molex
LED	yellow (standard)
Manual override	monostable button

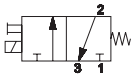


Series	Model	Type	Function	Variant	Voltage
B 1 2	4	0	1	L	2 4 D
B12 Nanovalves 10 mm high flow rate ISO 15218	**4** Monostable	**0** = 3/2 NC	**1** With manual override L variant **3** With manual override P variant **upon request** **5** With manual override M variant	**L** 90° connector protected pins **P** In-line connector for assembly on electronic board **upon request** **M** In-line connector protected pins	**24D** 24 V DC

RIGHT-ANGLE CONNECTOR WITH PROTECTED PINS



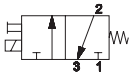
B10-401L24D 3/2 NC



IN-LINE PINS (SUITABLE FOR PCB MOUNTING)



B10-403P24D 3/2 NC



MINIATURE CONNECTOR WITH WIRE LEADS

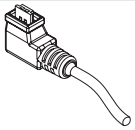


D-530-30

D-530-50

D-530-200

SINGLE CONNECTOR WITH 0.3–0.5 M CABLE



D-535U40300

D-535U40500

Fixing screws standard supplied. Max tightening torque 0,15 Nm