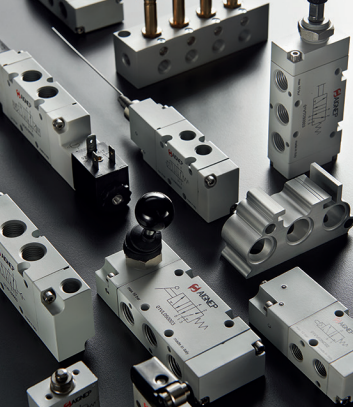




UNIVER

Valves

ISO 15218 - 10 MM NANOVALVES - B11/B10/B12

Manual override
(standard)



No manual
override
(on request)



LED



interface
ISO 15218
(on request)



90° connector



In-line connector



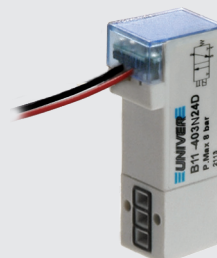
In-line PIN



90° cables



In-line cables



STANDARD B11



1 W
10 NI/min

Low consumption B10



0,3 W
10 NI/min

High flow rate (B12)



0,6 W
28 NI/min
Special version 40 NI/min

Magnetic memory (LATCHING)



Energizing through short impulse,
de-energizing through the same
impulse with inverted polarity.



ISO 15218 - 10 mm Nanovalves - 1 W standard

- Flow-rate: 10 NI/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, 3/2 NO
Pressure	Max 7 bar
Control	electric
Return	mechanical spring
Operating frequency	5 Hz
Assembly	no. 2 screws M1,7
Connections	interface ISO 15218
Nominal Ø (mm)	0,7
Nominal flow rate (NI/min)	10
Valve body	self-extinguishing technopolymer
Seals	VITON/NBR
Components	stainless steel - brass
Voltage	24 V DC (12 V DC upon request)
Voltage tolerance	±10%
Power consumption	1 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 1	4	0	1	L	2 4 D

B11 ISO 15218 - 10 mm Nanovalves

4 Monostable

0 = 3/2 NC
1 = 3/2 NO

1 With manual override L variant
2 Without manual override L variant
3 With manual override P variant
4 Without manual override P variant
upon request
5 With manual override M variant
6 Without manual override M variant

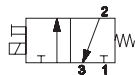
L 90° connector protected pins
P In-line connector for assembly on electronic board
upon request
M In-line connector protected pins

24D 24 V DC
upon request
12D 12 V DC

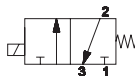
90° CONNECTOR WITH PROTECTED PINS



B11-401L24D 3/2 NC



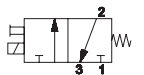
B11-402L24D 3/2 NC



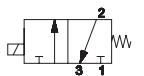
IN-LINE PIN (FOR ASSEMBLY ON ELECTRONIC BOARD)



B11-403P24D 3/2 NC



B11-404P24D 3/2 NC



MINIATURE CONNECTOR WITH WIRE LEADS

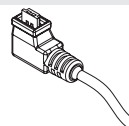


D-530-30

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

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



ISO 15218 - 10 mm Nanovalves - low power consumption

- Low input standard: 0,3 W
- Flow-rate: 10 NI/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
Assembly	n. 2 screws M1,7
Connections	interface ISO 15218
Nominal Ø (mm)	0,7
Nominal flow rate (NI/min)	10
Valve body	self-extinguishing technopolymer
Seals	VITON/NBR
Components	stainless steel - brass
Voltage	24 V DC (12 V DC upon request)
Voltage tolerance	±10%
Power consumption	0,3 W (speed-up 1,3 W)
Electrical connection	connector D535 U40 (IP65), welded pin (IP00), Molex
LED	yellow (standard)
Manual override	monostable button

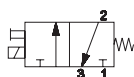


Series	Model	Type	Function	Variant	Voltage
B 1 0	4	0	1	L	2 4 D
B10 Nanovalves low power consumption	4 Monostable	0 = 3/2 NC			

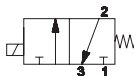
RIGHT-ANGLE CONNECTOR WITH PROTECTED PINS



B10-401L24D 3/2 NC



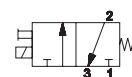
B10-402L24D 3/2 NC



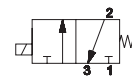
IN-LINE PINS (SUITABLE FOR PCB MOUNTING)



B10-403P24D 3/2 NC



B10-404P24D 3/2 NC



MINIATURE CONNECTOR WITH WIRE LEADS

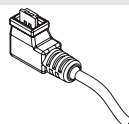


D-530-30

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



Nanovalves 10 mm - high flow rate - ISO 15218

- High flow-rate: 30 NI/min
- Quick response time: 3 ms
- ISO 15218 interface
- 3/2 NC version
- Led standard
- 40 NI/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 (NI/min)	28
Valve body	self-extinguishing technopolymer
Seals	VITON/NBR
Components	stainless steel - brass
Voltage	24 V DC (12 V DC upon request)
Voltage tolerance	±10%
Power consumption	0,6 W (speed-up 5,5 W)
Electrical connection	connector D535 U40 (IP65), welded pin (IP00), Molex
LED	yellow (standard)
Manual override	monostable button

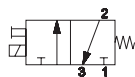


Series	Model	Type	Function	Variant	Voltage
B 1 2	4	0	1	L	2 4 D
B12 Nanovalves 10 mm high flow rate ISO 15218	4 Monostable	0 = 3/2 NC	1 With manual override L variant 2 Without manual override L variant 3 With manual override P variant 4 Without manual override P variant upon request 5 With manual override M variant 6 Without 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 upon request 12D 12 V DC

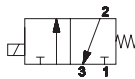
RIGHT-ANGLE CONNECTOR WITH PROTECTED PINS



B10-401L24D 3/2 NC



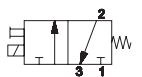
B10-402L24D 3/2 NC



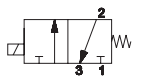
IN-LINE PINS (SUITABLE FOR PCB MOUNTING)



B10-403P24D 3/2 NC



B10-404P24D 3/2 NC



MINIATURE CONNECTOR WITH WIRE LEADS

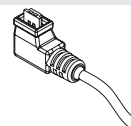


D-530-30

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