

B Series high performance industrial valves

- 3 sizes: M5, 1/8" and 1/4"
- Compact size
- Inlet-exhaust-mounting facility
- Fast response, high flow
- Integrated mounting holes
- Wear compensation System
- DIN rail mountable manifolds



Operating information

For technical information see CD

Working pressure	1,5 to 10 bar	Flow (Qn):	B2	276 l/min
Working temperature	-10 °C to +50 °C		B3	960 l/min
Port size	B2 : M5, B3 : G1/8, B4 : G1/4		B4	1170 l/min

Pneumatically actuated 5/2 and 5/3 valves

Symbol	Size	Actuator	Return	Order code
5/2 valves				
	M5	Air	Differential Air/Spring	B2FC000XXF
	G1/8 G1/4	Air	Differential Air	B335000XXH B436000XXF
	M5 G1/8 G1/4	Air	Air	B24C000XXF B345000XXH B446000XXF
5/3 valves				
	G1/8 G1/4	Air Closed Centre	Air Self centring	B385000XXH B486000XXF
	G1/8 G1/4	Air Vented Centre	Air Self centring	B395000XXH B496000XXF
	G1/8 G1/4	Air Pressure Centre	Air Self centring	B305000XXH B406000XXF

Electrically actuated 5/2 and 5/3 valves

Symbol	Size	Actuator	Return	Order code No solenoid	Order code 24V DC solenoid & cable plug fitted
5/2 valves					
	M5	Electric	Differential Air/Spring	B2ECBXXXXF*	B2ECBB549F
	G1/8 G1/4	Electric	Differential Air	B315BXXXXH* B416AXXXXF*	B315BB549H B416AB549F
	M5 G1/8 G1/4	Electric	Electric	B22CBXXXXF** B325BXXXXH** B426AXXXXF**	B22CBB549F B325BB549H B426AB549F
5/3 valves					
	G1/8 G1/4	Electric Closed Centre	Electric Self centring	B355BXXXXH** B456AXXXXF**	B355BB549H B456AB549F
	G1/8 G1/4	Electric Vented Centre	Electric Self centring	B365BXXXXH** B466AXXXXF**	B365BB549H B466AB549F
	G1/8 G1/4	Electric Pressure Centre	Electric Self centring	B375BXXXXH** B476AXXXXF**	B375BB549H B476AB549F

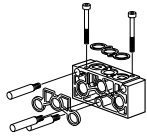
* Solenoid and cable plug (must be ordered separately see opposite page)

** 2 Solenoids and cable plugs (must be ordered separately see opposite page)

B Series high performance industrial valves

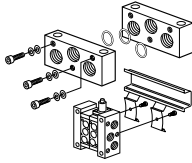
Inlet exhaust manifolds for B3 series

	Order code
Manifold Base Kit	PS2917F



End plates

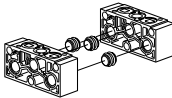
	Order code
Manifold end plate kit	PS2916F



	Order code
DIN rail mounting kit for IEM manifold	PS2970F

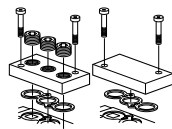
Isolator plug kit

	Order code
Isolator plug Kit	PS2919F



Manifold plates

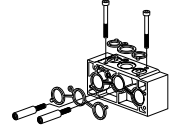
	Order code
Manifold ported plate	PS2921F



	Order code
Manifold blanking plate	PS2969F

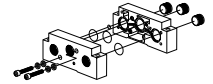
Inlet exhaust manifolds for B4 series

	Order code
Manifold Base Kit	PS4517F



End plates

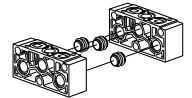
	Order code
Manifold end plate kit	PS4516F



	Order code
DIN rail mounting kit for IEM manifold	PS4570F

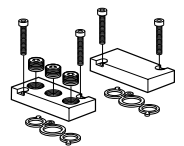
Isolator plug kit

	Order code
Isolator plug Kit	PS4519F



Manifold plates

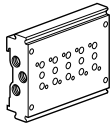
	Order code
Manifold ported plate	PS4521F



	Order code
Manifold blanking plate	PS4569F

Manifold kits for B2 series

Stations	Order code
2	B805024
4	B805044
6	B805064
8	B805084
12	B805124



Blanking Plate Kit for B2 series

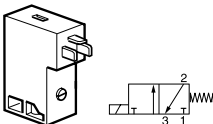
Type	Order code
5/2	805004

35mm DIN Rail Clamp Kit for B2 series

Order code
805005

Solenoids 15mm NC Standard flow DIN 1.2W/1.6VA

Voltage	Order code Override flush non locking	Order code Override flush locking
24 VDC	P2E-KV32C1	P2E-KV32C2
48 VDC	P2E-KV32D1	P2E-KV32D2
24 VAC 50Hz	P2E-KV31C1	P2E-KV31C2
48 VAC 50/60Hz	P2E-KV34D1	P2E-KV34D2
115 VAC 50Hz/ 120 VAC 60Hz	P2E-KV31F1	P2E-KV31F2
230 VAC 50Hz/ 240 VAC 60Hz	P2E-KV31J1	P2E-KV31J2




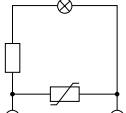
Cable plugs 15 mm (8 mm pin spacing) IP 65

Description	Order code
Large headed screw for inaccessible or recess position	
Standard to be wired universal To be wired LED+protection 24 VDC	P8C-C P8C-C26C
With standard screw	
Standard to be wired universal To be wired LED+protection 24 VDC	P8C-D P8C-D26C
With cable and standard screw	
Standard with 2 m cable	P8L-C2
Standard with 5 m cable	P8L-C5
LED+protection 24 VAC/DC, 2 m	P8L-C226C
LED+protection 24 VAC/DC, 5 m	P8L-C526C



Suppressor and LED indicators

For mounting between the solenoid valve and the cable plug.

Symbol	Description	Voltage	Order code
	LED Indicator	24 V AC/DC	P8V-CR26C
		48 V AC/DC	P8V-CR26D
		115 V 50 Hz 120 V 60 Hz	P8V-CR24F
		230 V~50 Hz 240 V~60 Hz	P8V-CR24J