

- High speed poppet valve
- Push-in connection
- Built-in terminal block
- Pneumatic output indicator
- DIN rail mounting



Operating information

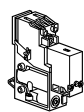
For technical information see CD

Working pressure; 3/2 and 4/2:	3-8 bar
Low pressure interface 3/2:	1-8 bar
Flow (Qmax):	200 l/min
Working temperature	-15 °C to +60 °C

Poppet valve, not suitable for use with Soft or Slow start Valves. When pressure is applied, the bistable interface takes a pre-determined position (non activated). In the absence of electrical signal, output 2 (yellow indicator) is activated, output 4 (red indicator) is non activated. Bistable version is delivered as standard with Non locking flush override.

Electro-Pneumatic modules 3/2

With solenoid valve, output with Ø4 mm Push-in connection
Visual indication of pneumatic output (NC) red : (NO) yellow
Spring return manual override. 24V DC



Symbol

Order code

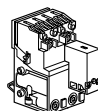
PS1-E21102B



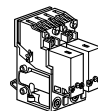
PS1-E22102B

Electro-Pneumatic modules 4/2

With solenoid valve, two outputs with Ø 4 mm Push-in connections
Visual indication of pneumatic output (NC) red and (NO) yellow
Spring return manual override. 24V DC



PS1-E28102B



PS1-E29102B

Head and tail sets - intermediate supply modules

For 3/2 and 4/2 interface modules

	Description	Pneumatic connection	Characteristics	Order code
	Set for single air supply connection	Push-in Ø 6 mm	1 electrical common terminal 1 main air supply port 1 exhaust port	PS1-E101
		G1/8		PS1-E1018
	Set for double air supply connection	Push-in Ø 6 mm	1 electrical common terminal 2 main air supply ports 2 exhaust ports	PS1-E102
		G1/8		PS1-E1028
	Intermediate air supply module	Threaded G1/8 (see description below) *	1 air supply port 1 exhaust port	PS1-E1038

Incorporating an intermediate supply module into a group of electro-pneumatic modules gives the following options:

Air supply connection

- Additional G1/8 port to supplement the air supply to the manifold
- Blank the common air supply, enabling different pressures to be supplied to groups of modules within the manifold

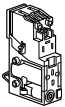
Exhaust connection

- Additional exhaust flow through the G1/8 port
- Blank the common exhaust, enabling separation of exhaust from module groups

* The intermediate supply module is supplied with 4 interchangeable connectors to enable the above supply options to be achieved

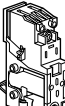
Electro-Pneumatic modules 3/2

Modules without solenoid valve*
3 to 8 bar version

Symbol	Connection	Actuator	Return	Order code
	Push-in Ø4 mm	Electric	Spring	PS1-E111
	Visual indication of pneumatic output (NC) red			
	Push-in Ø6 mm	Electric	Spring	PS1-E116
	Visual indication of pneumatic output (NC) red			
	Push-in Ø4 mm	Electric	Spring	PS1-E121
	Visual indication of pneumatic output (NO) yellow			
	Push-in Ø6 mm	Electric	Spring	PS1-E126
	Visual indication of pneumatic output (NO) yellow			

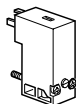
Electro-Pneumatic modules 3/2

Modules without solenoid valve* - 1 to 8 bar version

Symbol	Connection	Actuator	Return	Order code
	Push-in Ø4 mm	Electric	Spring	PS1-E311
	Visual indication of pneumatic output (NC) red			
	Push-in Ø6 mm	Electric	Spring	PS1-E316
	Visual indication of pneumatic output (NC) red			

* To obtain a complete Electro-Pneumatic interface module, order:
1 module without solenoid valve (e.g.: PS1-E121) + 1 solenoid valve (e.g.: PS1-E2302B)

Solenoids 15 mm 1,2 W / 1,6 VA (9,4 mm pin spacing)



Spring return manual override

Voltage	Order code
24 VDC	PS1-E2302B ④
48 VDC	PS1-E2302E ④
24 V 50/60Hz	PS1-E2301B ④
48 V 50/60Hz	PS1-E2301E ④
115 V 50Hz, 120 V 60Hz	PS1-E2301F ④
230 V 50Hz, 240 V 60Hz	PS1-E2301M ④

Indexable manual override

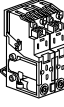
Voltage	Order code
24 VDC	PS1-E2352B ④
48 VDC	PS1-E2352E ④
24 V 50/60Hz	PS1-E2351B ④
48 V 50/60Hz	PS1-E2351E ④
115 V 50Hz, 120 V 60Hz	PS1-E2351F ④
230 V 50Hz, 240 V 60Hz	PS1-E2351M ④

Without manual override

Voltage	Order code
24 VDC	PS1-E2392B
48 VDC	PS1-E2392E

Electro-Pneumatic modules 4/2

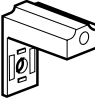
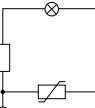
Modules without solenoid valve*
Visual indication of pneumatic output (NC) red and (NO) yellow

Symbol	Connection	Actuator	Return	Order code
	Push-in Ø4 mm	Electric	Electric	PS1-E191
	Visual indication of pneumatic output (NC) red and (NO) yellow			
	Push-in Ø6 mm	Electric	Electric	PS1-E196
	Visual indication of pneumatic output (NC) red and (NO) yellow			
	Push-in Ø4 mm	Electric	Spring	PS1-E181
	Visual indication of pneumatic output (NC) red and (NO) yellow			
	Push-in Ø6 mm	Electric	Spring	PS1-E186
	Visual indication of pneumatic output (NC) red and (NO) yellow			

* To obtain a complete Electro-Pneumatic interface module, order:
1 module without solenoid valve (e.g.: **PS1-E191**) + 2 solenoids valves (e.g.: **PS1-E2302B**)

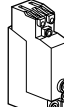
Suppressor and LED indicators

For mounting between the solenoid valve and the interface module

Symbol	Description	Voltage	Order code
	LED Indicator	24 V AC/DC	PS1-E1620B*
		48 V AC/DC	PS1-E1620E*
		115 V 50 Hz 120 V 60 Hz	PS1-E1511F*
		230 V~50 Hz 240 V~60 Hz	PS1-E1511M*

* Pack quantity 5 off

Pressure switches

		Order code
	1 changeover contact 5 A/250 V Pneu. Ø 4 mm < 1,3 bar	PS1-P1081
	Fixed operating threshold	
	1 changeover contact 5 A/250 V Pneu. Ø 4 mm 2 to 5 bar	PS1-P1091
	Adjustable operating threshold	