

High speed poppet type solenoid valves with individual electrical connections. Light weight plastic bodies with DIN rail manifold. Ideal for cabinet installations.

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

Poppet valve, not suitable for use with Soft or Slow start Valves. When pressure is applied, the double solenoid 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. Double solenoid version is delivered as standard with Non locking flush override.



Operating information

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
For more information see www.parker.com/euro_pneumatic	

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

Symbol	Order code
	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 G1/8	1 electrical common terminal 1 main air supply port 1 exhaust port	PS1-E101 PS1-E1018
	Set for double air supply connection	Push-in Ø 6 mm G1/8	1 electrical common terminal 2 main air supply ports 2 exhaust ports	PS1-E102 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 Visual indication of pneumatic output (NC) red	Solenoid	Spring	PS1-E111
	Push-in Ø6 mm Visual indication of pneumatic output (NC) red	Solenoid	Spring	PS1-E116
	Push-in Ø4 mm Visual indication of pneumatic output (NO) yellow	Solenoid	Spring	PS1-E121
	Push-in Ø6 mm Visual indication of pneumatic output (NO) yellow	Solenoid	Spring	PS1-E126

Electro-Pneumatic modules 3/2

Modules without solenoid valve* - 1 to 8 bar version

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

* 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 (8mm pin spacing)



Spring return manual override

Voltage	Order code
24 VDC	P2E-KS32C1
48 VDC	P2E-KS32D1
24 V 50/60Hz	P2E-KS31C1
48 V 50/60Hz	P2E-KS34D1
115 V 50Hz, 120 V 60Hz	P2E-KS31F1
230 V 50Hz, 240 V 60Hz	P2E-KS31J1
Indexing manual override	
Voltage	Order code
24 VDC	P2E-KS32C2
48 VDC	P2E-KS32D2
24 V 50/60Hz	P2E-KS31C2
48 V 50/60Hz	P2E-KS34D2
115 V 50Hz, 120 V 60Hz	P2E-KS31F2
230 V 50Hz, 240 V 60Hz	P2E-KS31J2

Electro-Pneumatic modules 4/2

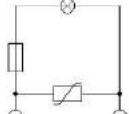
Modules without solenoid valve*
Visual indication of pneumatic output (NC) red and (NO) yellow

Symbol	Connection	Actuator	Return	Order code
	Push-in Ø4 mm	Solenoid	Solenoid	PS1-E191
	Push-in Ø6 mm	Solenoid	Solenoid	PS1-E196
	Push-in Ø4 mm	Solenoid	Spring	PS1-E181
	Push-in Ø6 mm	Solenoid	Spring	PS1-E186

* 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 cable plug.

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

Note: The Interface modules have been re-designed to accept the 9,4mm spacing and the 8mm spacing versions of the suppressor and LED indicators listed above. If you are purchasing a suppressor for maintenance on an Interface module purchased before June 2004, then refer to Interface Technical leaflet supplied with this catalogue.

Pressure switches

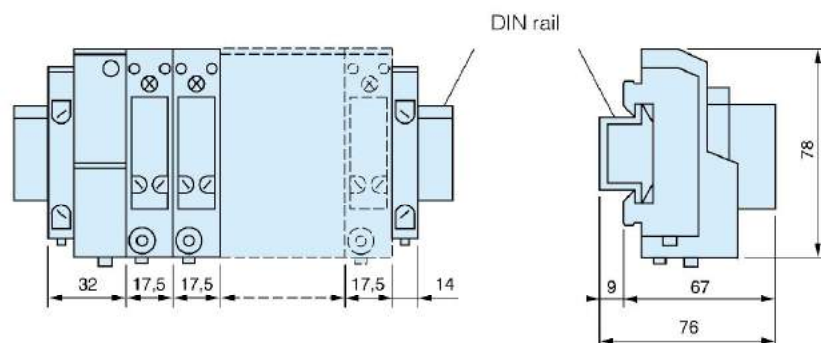
			Order code
	1 changeover contact 5 A/250 V Pneu. Ø 4 mm	Fixed operating threshold < 1,3 bar	PS1-P1081
	1 changeover contact 5 A/250 V Pneu. Ø 4 mm	Adjustable operating threshold 2 to 5 bar	PS1-P1091

Note: The Interface modules have been re-designed to accept the previous 9,4mm spacing solenoids and the new 8mm spacing solenoids listed above. If you are purchasing a solenoid for maintenance on an Interface module purchased before June 2004, then refer to Interface Technical leaflet supplied with this catalogue.

Dimensions, PS1 valve Series

Electropneumatic interface modules 3/2

PS1-E21102• with PS1-E101 head and tail units



Electropneumatic interface modules 4/2

PS1-E28• and PS1-E29 with PS1-E102 head and tail units

