

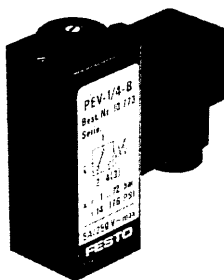
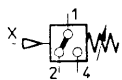
**Adjustable
Adaptable**

Control system components

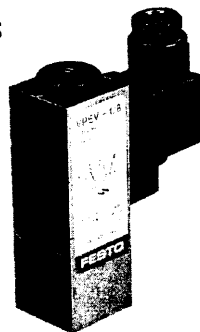


Adjustable pressure and vacuum switches

FESTO



Pressure switch
Type PEV-1/4-B



Vacuum switch
VPEV-1/8



Pressure switch
PEV-1/4-A-SW 27

Type PEV-1/4-B is a general purpose electrical pressure switch suitable for most applications. The adjustable hysteresis enables simple setting of "off" switching. Type VPEV has a similar operating principle, working in the vacuum range.

Types PEV-1/4-B and VPEV-1/8

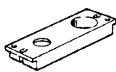
- Hysteresis can be adjusted independently of switching point
- Can be connected up to provide N/C, N/O or changeover contact function

Type PEV-1/4-A-SW 27

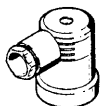
- Provides changeover contact function
- Hysteresis $15 \pm 0.5\%$
- Adjustable switching point

	Pressure switch	Vacuum switch	Pressure switch
Type	PEV-1/4-B	VPEV-1/8	PEV-1/4-A-SW 27
Mounting	2 through-holes in housing or on 2n mounting frame		Screw thread
Connection	G 1/4	G 1/8	G 1/4
Pressure range	1 to 12 bar	-0.2 to -0.95 bar	1 to 10 bar
Max. switching frequency	3.3 Hz		3 Hz
Max. voltage	250 V AC/DC		
Max. electrical load	6 A	5 A ohmic load, 3 A inductive load	4 A ohmic load, 2 A inductive load
Degree of protection IP 65	IP 65		IP 00 (IP 65 with angle socket)

Accessories:



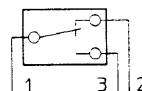
Mounting plate for 2n mounting frame
Type APL-2N-PEV for PEV-1/4-B
Type APL-2N-VPEV for VPEV-1/8



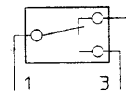
Angle socket
Type PEV-1/8-A-WD for PEV-1/4-A-SW 27

Contact configurations
for PEV-1/4-B and VPEV-1/8

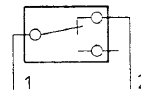
Changeover
contact



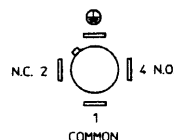
N/O contact



N/C contact



Connection diagram
for PEV-1/4-A and SW 27



How to order:

Select desired pressure range and function

Example: -0.2 to -0.95 bar pressure range, vacuum switch,
G 1/8 connection, mounting plate = VPEV-1/8 + APL-2N-VPEV

For more information contact Festo