

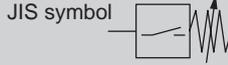


Pneumatic, Vacuum and Auxiliary Components
Catalog No. CB-0245A

Reed switch compact mechanical pressure switch

P1100-W/P4100-W/P8100-W Series

• Compatible with module connection to SELEX F.R.L.

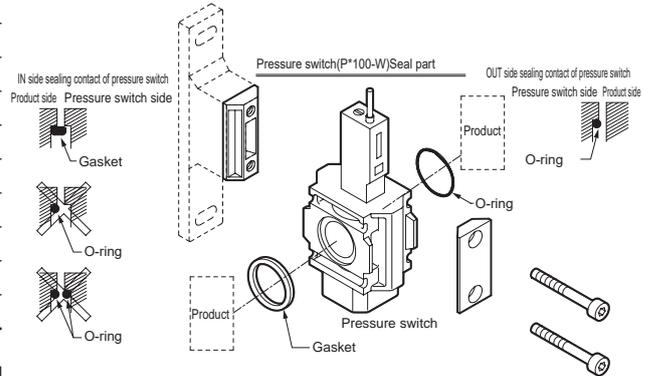


Specifications

Item	P1100-W	P4100-W	P8100-W
Working fluid	Compressed air		
Max. working pressure MPa	1.0		
Set pressure MPa	0.1 to 0.6		
Hysteresis MPa	0.08 or less		
Repeatability MPa	±0.02 or less		
Contact array	1a *1		
Wiring	Lead wire (oil resistant vinyl cable 2-conductor 0.2mm ²)		
Ambient/fluid temperatures	5 to 60°C		
Degree of protection *2	IP 20 or equiv.		
Product weight(joiner is not included.) kg	0.13	0.19	0.41

*1: The contact turns ON if air pressure exceeding the scale set pressure is applied.
*2: Note that when connecting a fitting into the atmospheric pressure inlet port and extending the tube until water does not enter, IP65 or equivalent is applied. Not for outdoor use.

How to assemble (P1100-W, P4100-W, P8100-W)



How to order (modular design)



A Series model No.

B Port size

C Branch direction

Compatibility table by variation

	P1100	P4100	P8100
Port size	Rc1/8, 1/4	Rc1/4, 3/8, 1/2	Rc3/4, 1
P4		●	

*1: The atmospheric pressure inlet port is M5.
*2: Fitting attachment option for atmosphere introduction port is not available.

●: Applicable models ○: Semi-applicable models ▲: Contact CKD for details. □: Not applicable

⚠ Precautions for model No. selection

- *1: This is used for the intermediate connection of the module series and so the module connection section is not threaded.
- *2: A masking plug matching the port size is attached.
- *3: When piping with P□100-W Discrete, use a pipe adaptor or A□00-W. (The horizontal direction port does not have threads.)

Code	Description
A Series model No.	
1100	1000-W Series modular design
4100	2000-W, 3000-W, 4000-W Series modular design
8100	6000-W, 8000-W Series modular design

B Port size		1100	4100	8100
6	Rc1/8	●		
8	Rc1/4	●	●	
10	Rc3/8		●	
15	Rc1/2		●	
20	Rc3/4			●
25	Rc1			●

C Branch direction *1		
Blank *2	L	R

D Accessories		1100	4100	8100
Blank	Joiner set, gasket	●	●	●
B11W	T-bracket, gasket	●		
B31W	T-bracket, gasket		●	
B41W	T-bracket, gasket		●	
B81W	T-bracket, gasket			●

E Length of lead wire	
Blank	1m
3	3m
5	5m

D Accessories

E Length of lead wire

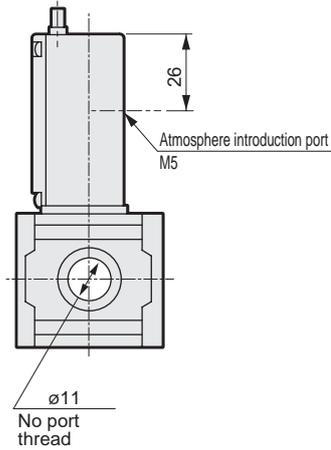
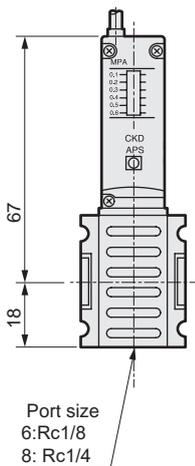
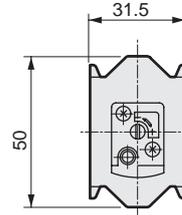
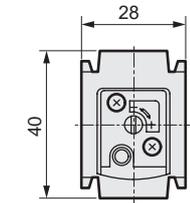
Dimensions



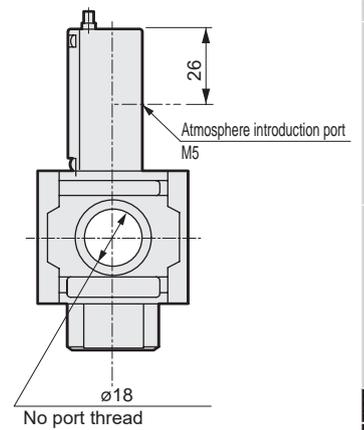
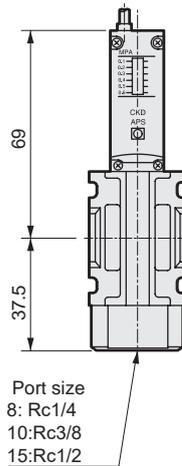
P4
Series

● P1100-W

● P4100-W

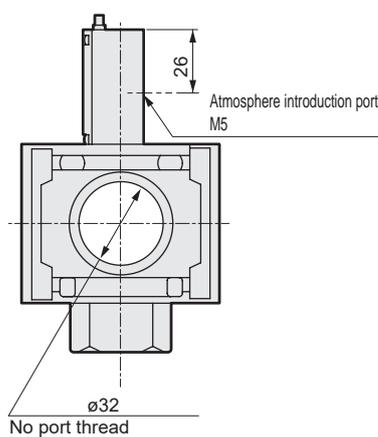
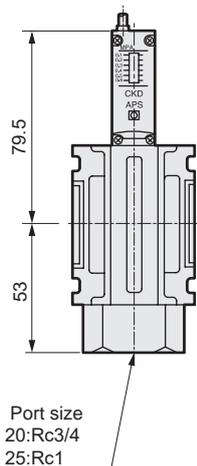
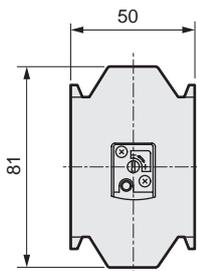


Weight 126g



Weight 190g

● P8100-W



Weight 467g

Pneumatic actuator
Hand/Chuck
Related products
Cylinder Switch

Vacuum components

Pneumatic valves

Clean air components
Speed controller

Pneumatic auxiliary components
Fitting
Auxiliary valve

Silencer
Tube

Gas generator

Fluid control components

Electric actuator
Motor specification
Motorless specifications