

Reed switch compact mechanical pressure switch

P1100-W/P4100-W/P8100-W-FP1 Series

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



Pneumatic, Vacuum and Auxiliary Components
Catalog No. CB-024SA

JISCode



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 cabtyre 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.

Wiring section specifications

Load voltage	12/24 VDC	100 VAC
Load current	5 to 50mA	7 to 20mA
Internal voltage drop	3 V or less	
Lamp	LED (Lit when ON)	
Max. shock	294m/S ²	
Insulation resistance	500 MΩ and over at 20 VDC megger	
Withstand voltage	No failure after 1000 minute of 1 VAC application.	

Option weight

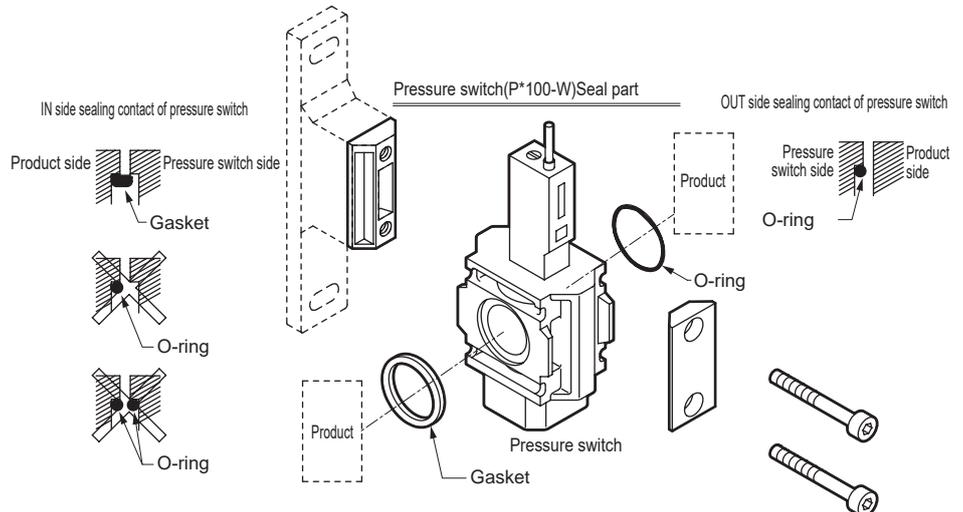
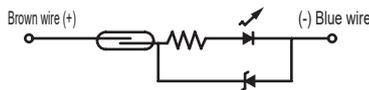
* Add to the weight of the standard accessories.

Unit: g

Code	Accessories					Lead wire length	
	Blank	B11W	B31W	B41W	B81W	3	5
P1100	11	24				30	60
P4100	36		86	94		30	60
P8100	94				170	30	60

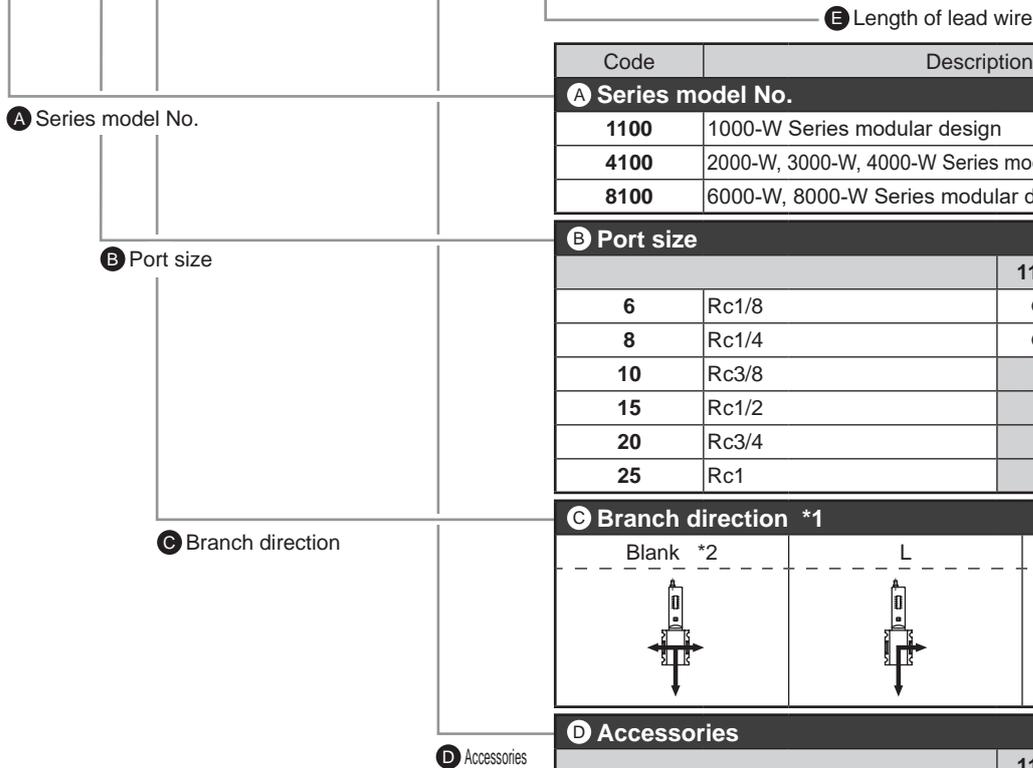
Internal circuit diagram

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



How to order (modular design)

P **1100** - **6** **L** - W - FP1 - **B11W** - **3**



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			

⚠ 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: P□100-W Discrete piping requires a pipe adaptor or A□00-W. (The horizontal direction port does not have threads.)

Electric actuator
Pneumatic cylinders
Assistive device
Pneumatic valves
FRL/Auxiliary Components
Electronic Component
Vacuum components
Main line components
Fluid control valves
Main line components
Anti-bacterial/bacteria-removing filter
Vacuum components
Fluid control valves

FP1

FP2

For dimensions, refer to the P*100 Series in "Pneumatic, Vacuum and Auxiliary Components (CB-024SA)".