

HPW102DC, 103DC series



HPW 102DC

Symbol	
Electrical connection	
	Nil
	G
	T
	D
	Z

How to Order

HPW 10 2 DC - - DC24V

① ② ③ ④ ⑤ ⑥

① Port type

Nil	Rc(PT) (Standard)
G	G

② Orifice

10	Ø10
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③ Port size

2	1/4
3	3/8

④ Electrical connection

Nil	Console box (Standard)
G	Grommet coil
T	Terminal box
D	DIN coil + DIN connector
Z	DIN coil + DIN connector & lamp

⑤ Seal material

	Material	Applications
Nil	NBR	Standard
M	FPM	Chemical, Hot water 120°C
SL	SILICONE	Clean water -5~60°C
E	EPDM	Hot water 100°C

⑥ Rated voltage

DC12V	DC12V
DC24V	DC24V

Specifications

Classification	Standard	Option	Classification	Standard	Option
Fluid	Air, Water, Clean oil, Inert gas		Voltage	DC12V, DC24V	
Fluid temp.	0 ~ 60℃	EPDM(100℃) FPM(120℃)			
Ambient temp.	50℃ (Max.)				
Pressure range	0.3 ~ 10kgf/cm² (0.03 ~ 1MPa)		Allowable voltage fluctuation	±5% (DC)	
Coil insulation	Class B		Power consumption	DC : 14W	
Electrical connection	Lead wire	Grommet coil Terminal box DIN connector	Body material	Brass	
Port size	Rc(PT) 1/4, 3/8		Seal material	NBR	EPDM, FPM, SILICONE
Orifice	Ø10		Weight	0.53Kg	

※ Not available in explosive atmosphere.

※ If oil is applied, the range of pressure shall be based on 50cst for oil viscosity.

Features

- Pilot diaphragm type
- Normally closed type
- DC valve
- Fire resistant structure, high durability
- Seal material can be changed depending on fluid specifications.

Applications

- Water piping
- Medical instrument
- Water purifier
- Vacuum packing machine
- Wire cutting machine

Dimensions

