

HDW021, 022 series



HDW 021

Symbol	
Electrical connection	
	Nil
	G
	T
	D
	Z

How to Order

HDW 02 1 - - AC220V

① ② ③ ④ ⑤ ⑥

① Port type

Nil	Rc(PT) (Standard)
G	G

② Orifice

02	Ø1.5 (Standard)
02A	Ø2

③ Port size

1	1/8
2	1/4

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℃
E	EPDM	Hot water 100℃

⑥ Rated voltage

AC110V	AC110V 50Hz/60Hz
AC220V	AC220V 50Hz/60Hz
DC12V	DC12V
DC24V	DC24V
AC220V-50Hz	AC 220V 50Hz
AC240V-50Hz	AC 240V 50Hz
AC24V-50Hz	AC 24V 50Hz

Specifications

Classification	Standard	Option	Classification	Standard	Option
Fluid	Air, Water, Clean oil, Inert gas		Voltage	AC100V 50/60Hz AC110V 60Hz AC200V 50/60Hz AC220V 60Hz DC12V, 24V	AC220V 50Hz AC240V 50Hz AC 24V 50Hz
Fluid temp.	0 ~ 60℃				
Ambient temp.	50℃ (Max.)				
Pressure range	0 ~ 20kgf/cm ² (0 ~ 2MPa)	DC:0~20kgf/cm ² (0 ~ 2MPa) Vacuum(10 ⁻³ Torr)		Allowable voltage fluctuation	±10% (AC), ±5% (DC)
Coil insulation	Class B		Power consumption	AC, DC : 14W	
Electrical connection	Lead wire	Grommet coil Terminal box DIN connector	Body material	Brass	
Port size	Rc(PT) 1/8, 1/4		Seal material	NBR	EPDM, FPM
Orifice	Ø1.5	Ø2	Weight	0.5Kg	

※ Not available in explosive atmosphere.

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

Features

- Direct acting type
- Normally closed type
- Easy to attach
- Fire resistant structure, high durability
- Seal material can be changed depending on fluid specifications.

Applications

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

Dimensions

