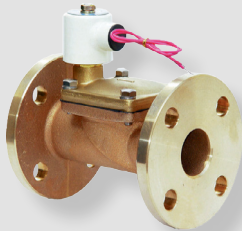


HPW2510F, 3212F, 4014F, 5020F series



HPW 5020F

Symbol	
Electrical connection	
	Nil
	G
	T
	D
	Z

How to Order

HPW 5020 F - - AC220V

① ② ③ ④

① Orifice & Port size

	Orifice	Port size
2510	Ø25	1
3212	Ø32	1 1/4
4014	Ø40	1 1/2
5020	Ø50	2

② Electrical connection

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

③ Seal material

	Material	Applications
Nil	NBR	Standard
M	FPM	Chemical, Hot water 120℃
E	EPDM	Hot water 100℃

④ Voltage

AC110V	AC110V 50Hz/60Hz
AC220V	AC220V 50Hz/60Hz
DC12V	DC12V
DC24V	DC24V
AC110V-50Hz	AC 110V 50Hz
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 DC24V, 12V	AC110V 50Hz AC220V 50Hz AC240V 50Hz AC 24V 50Hz
Fluid temp.	0 ~ 60℃	EPDM(100℃) FPM(120℃)			
Ambient temp.	50℃ (Max.)				
Pressure range	0.3 ~ 10kgf/cm ² (0.03 ~ 1MPa)				
Coil insulation	Class B		Allowable voltage fluctuation	±10% (AC), ±5% (DC)	
Electrical connection	Lead wire G(PF)1/2	Grommet coil Terminal box DIN connector	Power consumption	AC, DC : 14W	
End connection	JIS 10K FF		Body material	Brass, Bronze	
Orifice	Ø25, Ø32, Ø40, Ø50		Seal material	NBR	EPDM, FPM
			Weight	Refer to the table below	

※ Not available in explosive atmosphere.

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

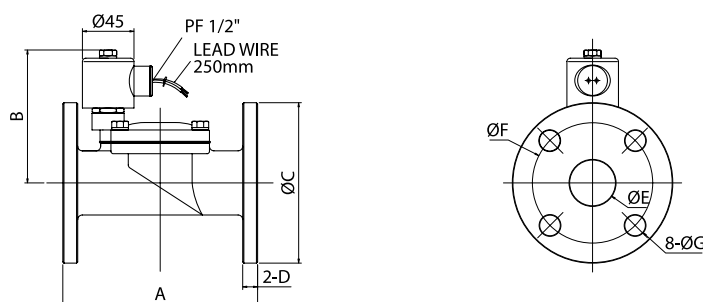
Features

- Diaphragm type
- Normally closed type
- Designed to operate with low differential pressure of (0.03kgf/cm²)
- Seal material can be changed depending on fluid specifications.

Applications

- Water piping
- Medical instrument
- Ventilator
- Air conditioner
- Compressor

Dimensions



Model	A	B	C	D	E	F	G	Weight (kg)
HPW 2510F	127	99.2	125	13	25	90	18	4.4
HPW 3212F	170	117	135	13	40	100	18	6.2
HPW 4014F	170	117	140	13	40	105	18	6.15
HPW 5020F	180	123	155	14	50	120	18	8.0