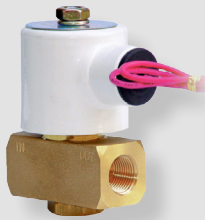
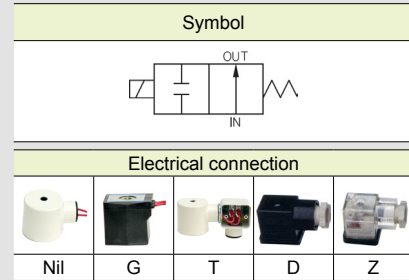


HPW102NO, 103NO, 154NO series



HPW 102NO



How to Order

HPW 102 NO - - AC220V

① ② ③ ④ ⑤

① Port type

Nil	Rc(PT) (Standard)
G	G

② Orifice & Port size

	Orifice	Port size
102	Ø5	1/4
103	Ø4.5	3/8
154	Ø4.5	1/2

③ Electrical connection

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

④ Seal material

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

⑤ Voltage

AC110V	AC110V 50Hz/60Hz
AC220V	AC220V 50Hz/60Hz
DC24V	DC24V
DC12V	DC12V
AC220V-50Hz	AC 220V 50Hz
AC240V-50Hz	AC 240V 50Hz
AC 24V-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	AC220V 50Hz AC240V 50Hz AC 24V 50Hz
Fluid temp.	0 ~ 60℃	EPDM(100℃) FPM(120℃)			
Ambient temp.	50℃ (Max.)				
Pressure range	0 ~ 7kgf/cm ² (0 ~ 0.7MPa)				
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	
Port size	Rc(PT) 1/4, 3/8, 1/2		Body material	Brass	
Orifice	Ø4.5, Ø5		Seal material	NBR	EPDM, FPM
			Weight	Refer to the table below	

Features

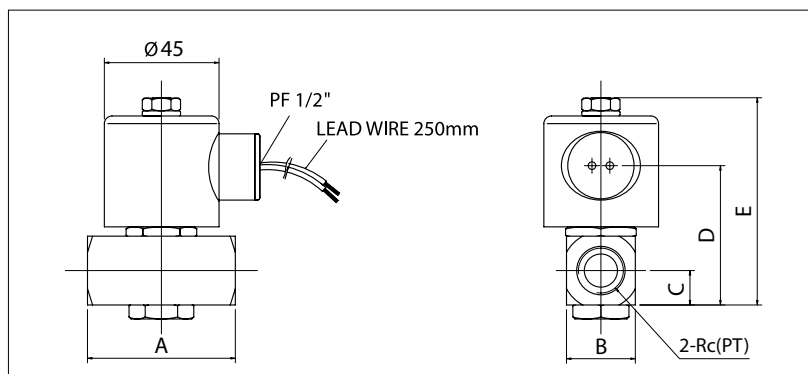
- Direct acting type
- Normally open type
- Fire resistant structure, high durability
- Seal material can be changed depending on fluid Specifications.

Applications

- Water piping
- Medical instrument
- Water purifier
- Washing machine
- Welding machine

※ Not available in explosive atmosphere. ※ If oil is applied, the range of pressure shall be based on 50cst for oil viscosity.

Dimensions



Model	A	B	C	D	E	Rc(PT)	Weight (kg)
HPW 102NO	43	25	12	54	79	1/4	0.5
HPW 103NO	58	27	13.5	54.5	81	3/8	0.6
HPW 154NO	58	27	13.5	54.5	81	1/2	0.6