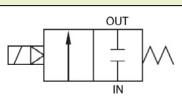
HPS102, 103, 154 series

HPS 103

Symbol



Electrical connection

Nil | G | T | D | Z

How to Order

HPS ① [ ] ② [103] ③ [ ] - ④ [AC220V]

① Port type

Nil	Rc(PT) (Standard)
G	G

② Orifice & Port size

	Orifice	Port size
102	Ø10	1/4
103	Ø10	3/8
154	Ø15	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 Voltage

AC110V	AC110V 50Hz/60Hz
AC220V	AC220V 50Hz/60Hz
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, Steam, Hot water		Voltage	AC100V 50/60Hz AC110V 60Hz AC200V 50/60Hz AC220V 60Hz	AC220V 50Hz AC240V 50Hz AC 24V 50Hz
Fluid temp.	0 ~ 180℃				
Ambient temp.	50℃ (Max.)				
Pressure range	0.5 ~ 7kgf/cm² (0.05 ~ 0.7MPa)		Allowable voltage fluctuation	±10% (AC)	
Coil insulation	Class H		Power consumption	AC: 14W	
Electrical connection	Lead wire	Grommet coil Terminal box DIN connector	Body material	Brass	
Port size	Rc(PT)1/4, 3/8, 1/2		Seal material	PTFE + SUS 304 PISTON	
Orifice	Ø10, Ø15		Weight	0.53kg , 0.86kg	

※ Not availabe in explosive atmoshpere.

Features

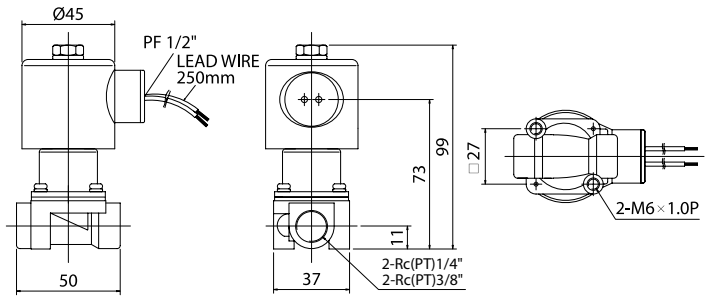
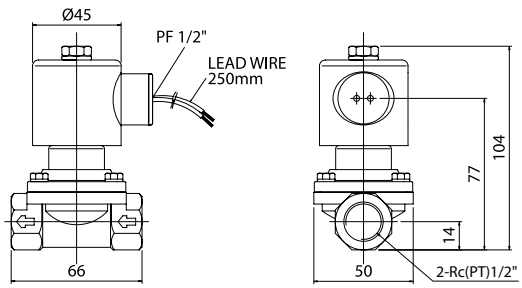
- Piston pilot type
- Normally closed type
- Max temperature 180℃
- Fire resistant structure, high durability

Applications

- Steam piping
- Washing machine
- Sterilizer
- Heating system
- Heat exchanger

Dimensions

HPS 102, HPS103



HPS 154