

#### Features

1. Direct acting and quick response.
2. Suitable for acid and alkaline chemical fluid.
3. Fluid should be liquid. Solid media is forbidden.
4. Horizontal installation is required.
5. Coil nut is available, please refer to page 5-3, 5-4.
6. Ex-proof coil is available, please refer to page 5-9.
7. CE conformity.



#### How to order

PE220	H	N	—	03	N	—	S1	L	E
Teflon Direct acting Solenoid control	Pressure	Acting style		Port size	Thread		Solenoid	Led	Ex-Proof coil
	Blank : 0.1~1kgf/cm <sup>2</sup> H : 0~3kgf/cm <sup>2</sup>	Blank : Normally closed N : Normally open		03 : 3/8" 04 : 1/2"	Blank : G N : NPT R : Rc		S1 : 110VAC S2 : 220VAC S6 : 24VAC S7 : 12VDC S9 : 24VDC	Blank : W/O LED L : W/ LED	Blank : Standard E : Ex-proof coil

\*PE220H series is only suitable with 24VDC, 110VAC, 220VAC coil, 18.5W.

#### How to order Repair kit

##### ZGPE220 — 03

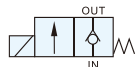
Repair kit	Port size
ZGPE220 ZGPE220H	03 : 3/8", 1/2"

Description	Qty.
Plunger	1
Spring	1
Gasket	1
Diaphragm	1

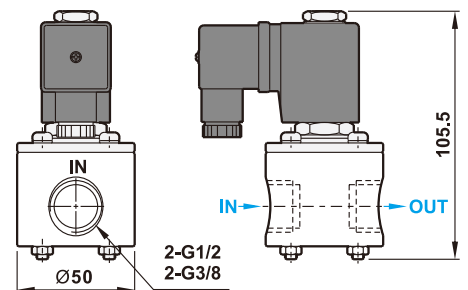
#### Specifications

Model	PE220-03	PE220-04
Port size	3/8"	1/2"
Fluid	Pure water, Chemical acid & alkali liquid	
Orifice	Ø5mm	
Acting	Direct acting	
Diaphragm	NBR PTFE	
Operating pressure range	0.1 ~ 1 kgf/cm <sup>2</sup> ; H: 0 ~ 3 kgf/cm <sup>2</sup>	
Proof pressure	1.5 kgf/cm <sup>2</sup> ; H: 4.5 kgf/cm <sup>2</sup>	
Body material	Teflon	
Fluid temperature	-10°C ~ 90°C	
Ambient temperature	-10°C ~ 60°C	
Installation	Horizontal	
Duty cycle	100% ED	
Coil type	DIN	
Protection class	IP65 (DIN 40 050)	
Insulation class	F	
Voltage tolerance	±10%	
Standard voltage	220VAC, 110VAC, 24VDC The other voltage is optional	
Power consumption	AC110V: 17.6VA, AC220V: 18.1VA, 24VDC: 15W	
Net weight	440g	

#### Dimensions



##### PE220-03,04



##### PE220H-03,04

