

Features

1. Pilot acting for low starting pressure.
2. Large flow rate and high working pressure.
3. Quick response.
4. Stainless steel stem provides exceptional durability.
5. Ex-proof coil T4 as optional accessory. please refer to page 5-9.
6. Timer for setting on/off time as optional accessory.
7. Coil nut is available, please refer to page 5-3.



How to order

PU225H	N	V	F	-	03	N	-	S1	L	E
Brass 25 bar high pressure Pilot acting	Acting style Blank : Normally closed N : Normally open	Diaphragm Blank : NBR V : VITON E : EPDM H : HNBR	Flange type Blank : W/O Flange F : 10K F3 : 150LB F4 : PN16		Port size 03 : 3/8" 04 : 1/2" 06 : 3/4" 08 : 1"	Thread Blank : G N : NPT R : Rc		Voltage S1 : 110VAC S2 : 220VAC S6 : 24VAC S7 : 12VDC S9 : 24VDC	Led Blank : W/O LED L : W/I LED	Ex-Proof coil Blank : Standard E : EX-proof coil

* Please contact our sales for more details.

How to order Repair kit

ZGPU225H	-	03	N
Repair kit		Port size	Diaphragm
ZGPU225H (Normally closed)		03 : 3/8", 1/2"	N : NBR
ZGPU225HN (Normally open)		06 : 3/4", 1"	V : VITON E : EPDM H : HNBR

Description	Qty.
Spring	1
O-ring	1
Diaphragm	1
Plunger	1

Specifications

Model	PU225H-03	PU225H-04	PU225H-06	PU225H-08
Port size	3/8"	1/2"	3/4"	1"
Fluid	Compressed air, water			
Orifice	8mm		13mm	
CV value	2		4.5	
Effective area	35mm ²		88mm ²	
Acting	Pilot acting			
Construction	Diaphragm			
Operating pressure range	0.5 ~ 25 kgf/cm ² (0.5 ~ 25Bar)			
Proof pressure	30 kgf/cm ² (30Bar)			
Body / Flange material	Forged Brass / Steel SS41			
Piston ring	SUS 304			
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	For normal close AC110V:17.6VA, AC220C:18.1VA, DC: 15W; For normal close AC:17.8VA, DC:15.W			
Net weight	775g	755g	1550g	1500g

Seal material selection guide

Seal	Temperature range	Suitable fluid	Unsuitable fluid
NBR	-15°C ~ 80°C	Air, Water, Neutral gases, Mineral oil	Fuel oil, Gasoline and Hi-test gasoline, Diesel fuel
HNBR	-40°C ~ 150°C	Air, Water, Gear oil, Engine oil	Pharmaceutical liquid, Gasoline and Hi-test gasoline, Light oil
VITON	-10°C ~ 180°C	Fuel oil, Gasoline and Hi-test gasoline, Diesel fuel	Hot water, Steam, Brake oil (ATE Blue)
EPDM	-5°C ~ 130°C	Hot water, Detergent liquid	Mineral oil, Gasoline

Dimensions

PU225H Standard type

	PU225H-03	PU225H-04	PU225H-06	PU225H-08
R (mm)	3/8"	1/2"	3/4"	1"
B (mm)	106.5	106.5	126	126
C (mm)	48	48	70.7	70.7

Explosion

