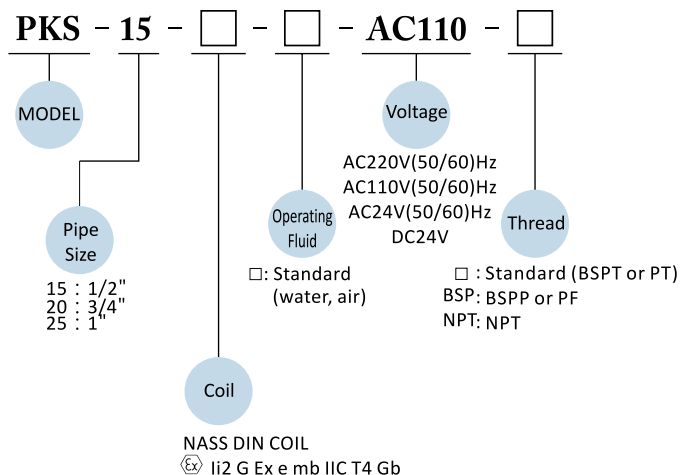
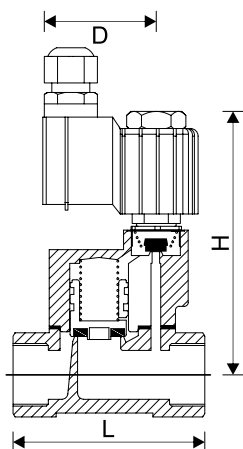


## PKS Series

## PKS-15 ~ 25



### Application:

<b>Working Fluid</b>	Water, Air
<b>Working Temp</b>	-5°C ~ 70°C
<b>Min. Pressure to Open</b>	0.5 Kgf / cm <sup>2</sup>
<b>Connection</b>	BSPT (BS21), NPT (ANSI B2.1)
<b>• Optional coil</b>	None

### Feature

- PKS SERIES is multiplex-drive, pilot operated piston, conductive and normal close. (NC)
- 2/2 way solenoid valve. Explosion proof protection.
- Water proof: IP67
- Suitable for high frequent operation.
- Standard voltage: 110VAC / 220VAC / 24VDC. (50/60HZ)
- Special voltage AC/DC for customer made.
- AC voltage Tolerance: +/- 10%
- DC voltage Tolerance: +/- 1%

### Material:

<b>Model:</b>	PKS
<b>Valve Body</b>	Forged Brass
<b>Coil</b>	NASS Ex-Proof DIN Coil EX 112 G Ex e mb IIC T4 Gb
<b>Tube</b>	ST.ST.
<b>Spring</b>	ST.ST.
<b>Core Needle</b>	ST.ST.
<b>Plug</b>	Viton
<b>Piston Spring</b>	ST.ST.
<b>Piston</b>	ST.ST.
<b>Piston Plug</b>	PTFE

### Not Apply For Fluid of

- Liquid status when heat, solid status when cool.
- Viscosity over 20 cst.
- Corrosive fluid.
- Crystalline fluid: ex. sea water.

### Cautions

- Pipe must be washed neat and clean before installation.
- A Y-Strainer has to be installed in the front of solenoid valve, which elongate usage.
- Before installation, be sure the type of fluid, voltage, pressure and fluid temperature used.
- Prohibition vertical operation.
- Ambient Temperature should be under 70°C
- Operating Temperature should be under 60°C

### Specification

Model	Waterproof Din / flying Lead Coil	NASS Din Coil (IP65)	Pipe Size	Cv	Orifice	Fluid	Operating Pres. Kgf / cm <sup>2</sup>					Dimension (mm)			Wt.
						Temp °C	Water	Air	Steam	Light Oil	Gas	L	H	D	(Kgs)
PKS-15			1/2"	4.0	17 mm	-5°C~70°C	0.5 - 10	0.5 - 10				82	155	62	1.55
PKS-20			3/4"	6.0	17 mm	-5°C~70°C	0.5 - 10	0.5 - 10				82	157	62	1.61
PKS-25			1"	12	22 mm	-5°C~70°C	0.5 - 10	0.5 - 10				100	172	62	2.36