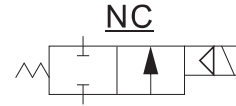
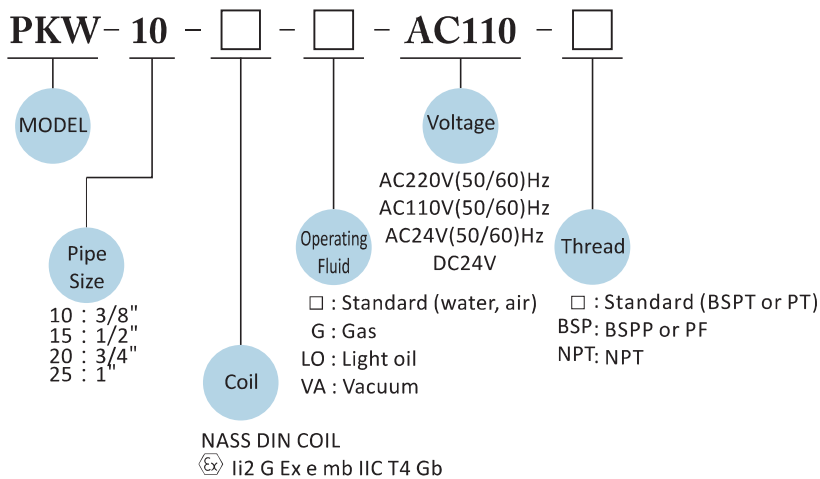


PKW-10~25



PRODUCT DESCRIPTION

- PKW series is direct, multiplex, connected diaphragm, conductive, and normally closed (NC) 2/2 way solenoid valve.
- Explosion proof Level: EX IIC G Ex e mb IIC T4 Gb
- Water proof level : IP 67
- Able to operate under the low pressure
- Applied fluid type : water, air, light oil, gas, vacuum
- Acceptable for customization Viton (130°C) , Silicone (130°C) and EPDM (130°C) for seal plug and diaphragm

CAUTIONS:

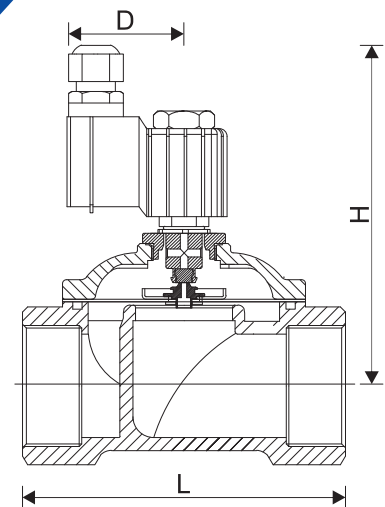
- Before pipelining, the pipe line must be very clean without any contaminants or impurity.
- To extend the lifetime, Y-line filter should be installed in the front end of solenoid valve.
- Fluid temperature should be under 70°C
- Ambient temperature should be under 60°C
- AC voltage tolerance: $\pm 10\%$; DC voltage tolerance: $\pm 1\%$
- It should be installed horizontally; vertical installation is not advisable.

Not Suitable For Fluid As Below:

- Liquid status when it is in high temperature; solid status when it is in low temperature.
- Corrosive fluid
- Crystallized fluid, Ex: sea water
- Viscosity over 20cst

MATERIAL:

PARTS	Coil	Tube	Spring	Core	Plug	Diaphragm	Valve body
MATERIAL	NASS ex-proof DIN COIL	Stainless steel	Stainless steel	Stainless steel	NBR	NBR	Forged Brass



SPECIFICATION

MODEL	Waterproof DIN/flying lead Coil	NASS DIN Coil (IP65)	PIPE SIZE	CV	ORIFICE	FLUID TEMP. (°C)	Operating Pressure kgf / cm ² (bar)					Vacuum (Torr)	Dimension (mm)			Weight (kg)
							Water	Air	Steam	Light oil	Gas		L	H	D	
PKW-10			3/8"	2.4	15mm	-5°C ~ +70°C	0~5	0~7			0~5	0~10 ⁻³	70	133	62	1.05
PKW-15			1/2"	4.5	15mm	-5°C ~ +70°C	0~5	0~7			0~5	0~10 ⁻³	70	133	62	1.04
PKW-20			3/4"	8.6	20mm	-5°C ~ +70°C	0~5	0~7			0~5	0~10 ⁻³	73	140	62	1.16
PKW-25			1"	12	25mm	-5°C ~ +70°C	0~5	0~7			0~5	0~10 ⁻³	100	147	62	1.76