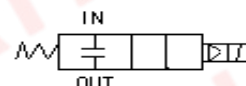


PNEUMATRON

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2/2 Industrial High Pressure Solenoid Valve PLG22 Series, Piston Pilot Operated (N.C)



Characteristics: High Pressure Solenoid Valve with Pilot Operated Piston Construction and PTFE Seals

SPECIAL REQUIREMENT FOR THE USE OF THESE VALVES ARE:

All media lines where these valves are used, need to have minimum of 25 Micron Filtration BEFORE the valve, due to small pilot holes in the valve and piston, as well as the hard PTFE (Teflon) Seal. Without the required filtration the reliability of the valves in operation cannot be guaranteed.

Temperature: PTFE: 0°C - 110°C (with suitable coil ventilation)
Pressure: Water & air: 1 to 45 Bar (See table below)
 Light oil ≤ 20CST: 1 to 30 Bar (See table below)
Body: Stainless Steel SS304
Port Size (BSP): 1/2", 3/4", 1"
Orifice: 15mm, 20mm, 25mm
Coil voltages: 220VAC(C14), 24VDC(C15), 12VDC(C15)
Coils: C14DX (AC) & C15DX (DC) coils - IP65, 100%ED

Material:

Body: Stainless Steel 304
 Seal: PTFE
 Armature Tube: Stainless Steel 304
 Plunger: Stainless Steel 430F
 Springs: SS 304
 Shading Rings: Stainless Steel 304



PLG22 Series - Normally Closed, with Coil

Pipe	Orifice (mm)	KV	Seal	Body material	Min Pressure (Bar)	Max pressure (Bar)						Max Temp (°c)	Power consumption		Valve part number
						Air & Gas		Liquids		Light oil			VA (AC)	W (DC)	
						AC	DC	AC	DC	AC	DC				
1/2"	15	3.63	PTFE	SS304	1.0	75	55	75	55	55	35	110	33	25	PLG22SH15S04PT
3/4"	20	6.06			1.0	65	50	65	50	50	30	110			PLG22SH20S06PT
1"	25	9.52			1.0	55	45	55	45	45	30	110			PLG22SH25S10PT

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Coil Specifications

Coil Type	Voltage	Inrush (50HZ VA)	Holding (50HZ VA)	Watt (DC)
C14	AC220V	82	20	
C15		55	24	
C14	AC110V	82	28	
C15		55	24	
C14	DC24V			20
C15				28
C14	DC12V			20
C15				28,5

BODY DIMENSION CODE(Size in mm)			Valve Body
A	B	H	
75	52	130	PLG22SH15S04PT
85	60	141	PLG22SH20S06PT
100	70	148	PLG22SH25S10PT

