

PNEUMATRON

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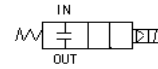
2/2 Industrial Piston Pilot Operated Solenoid Valve PLA22 Series, Steam/Air/Chemicals (N.C)

- Characteristics:**
1. Pilot operated piston construction with lower power consumption
 2. Seal serves longtime at steam ambient;
 3. Used for long-time working in pipeline system.

- Medium:** Gas, Air & Liquid
Temperature: PTFE: -20°C to 185°C (with suitable coil ventilation)
Pressure: **Steam 185°C: 0.5 to 10 Bar**
Standard: 0.5 - 20 Bar (DC Voltage), 0.5 - 25 Bar (AC Voltage)
- Body:** Stainless Steel SS304
Port Size (BSP): 1/2", 3/4", 1", 1 1/2", 2"
Orifice: 15mm, 20mm, 25mm, 40mm, 50mm
Coil voltages: 220VAC, 110VAC, 24VDC, 12VDC
Coils: **Steam Coil with DIN Plug, IP40 (CAW14)**
Standard Coil Resin Encapsulated, IP65 100%ED (C14/15)
 See coil power rating in table below

Material:

- Body: Stainless Steel 304
 Seal: PTFE (Teflon)
 Pilot Seat: PTFE
 Armature Tube: Stainless Steel 304
 Plunger: Stainless Steel 430F
 Springs: SS304
 Shading Rings: Stainless Steel 304



STANDARD (C14)



STEAM (CAW14)



PLA22 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		Steam	Standard coil	Steam Cap Coil	Standard coil		Steam Cap Coil			
						AC	DC	AC	DC	AC	DC	AC/DC	coil	Cap Coil	VA (AC)	W (DC)	VA (AC)	W (DC)		
1/2"	15	3.89	PTFE	SS304	0.5	25	20	25	20	20	20	10	110	185	20	20	30	25	PLA22SH15S04PT	
3/4"	20	7.79			0.5	25	20	25	20	20	20	10	110	185						PLA22SH20S06PT
1"	25	11.3			0.5	25	20	25	20	20	20	10	110	185						PLA22SH25S10PT
1 1/2"	35	22.5			0.5	25	20	25	20	20	20	10	110	185						PLA22SH40S14PT
2"	45	38.9			0.5	25	20	25	20	20	20	10	110	185						PLA22SH50S20PT

Coil Specifications

Coil Type	Voltage	Inrush (50HZ VA)	Holding (50HZ VA)	Watt (DC)
C14	AC220V	82	20	
C15		55	24	
CAW14		67	33	
C14	AC110V	82	28	
C15		55	24	
CAW14		67	33	
C14	DC24V			20
C15				28
CAW14				32
C14	DC12V			20
C15				28.5
CAW14				20

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BODY DIMENSION CODE(Size in mm)			Valve Body
A	B	H	
75	52	129	PLA22SH15S04PT
85	60	141	PLA22SH20S06PT
100	70	148	PLA22SH25S10PT
120	90	168	PLA22SH40S14PT
150	110	190	PLA22SH50S20PT

