

PNEUMATRON

www.pneumatron.co.za

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2/2 Industrial Solenoid Valve

PLZ22 Brass Series for Compressor, High Pressure (N.C)

Characteristic:

1. High pressure solenoid valve for compressor use
2. Compact design with large flow rate

Medium:

Air, Gas, Water liquids

Medium Temperature:

PEEK: -20°C to 100°C

Pressure:

Water liquids & Air: 1 to 150 Bar (see table below for more detail)

Low Temp CO2: 1 to 120 Bar

Body:

Brass

Port Size (BSP):

3/8"

Orifice:

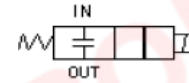
8mm

Coil voltages:

220VAC, 110VAC, 48VAC, 24VAC, 24VDC, 12VDC

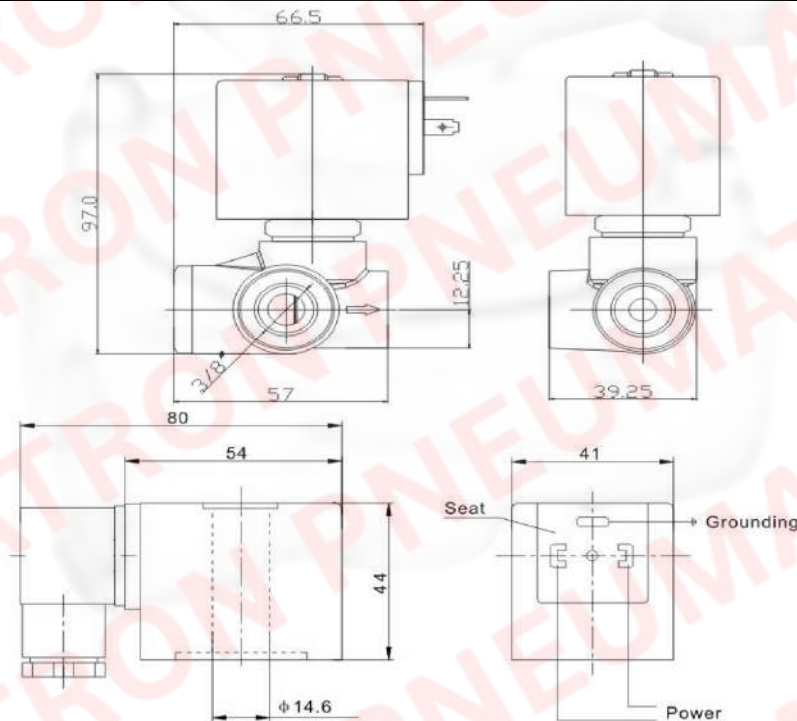
Coils:

IP65, 100%ED



PLZ22 Series, Normally Closed with Coil

Port Size	Orifice (mm)	KV	Min Pressure	Max Pressure	Seals	Body Material	Valve Body	Coil
				Air & Water Liquids	Material			
3/8"	8	2.68	1 Bar	150 Bar	PEEK	Brass	PLZ22BH08S03K	C17



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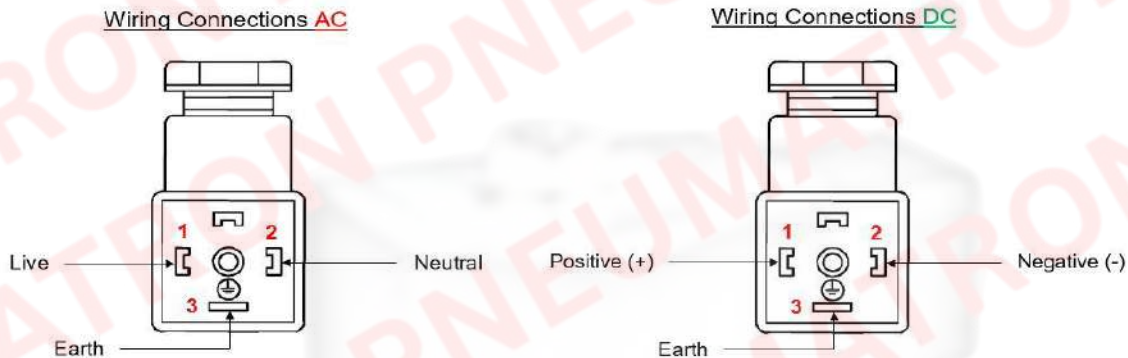
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DIN Plug Wiring Connections



VALVE INSTALLATION INSTRUCTIONS

1. These valves should be installed horizontally with the coil on top for the best and most reliable operation, any other installation method is done at own risk.
2. No installation in direct sunlight. If the solenoid valve is installed in direct sunlight the coil and valve must be shaded - a shading steel plate can be mounted above the valve to protect it from direct sunlight. DO NOT box these valve to block direct sunlight, there will be no ventilation to keep the coil cool unless you mount a fan.
3. Insure that the valve is installed correctly as per the flow direction indicated by and arrow on the valve, in/out wording or as per instruction in the data sheet. Incorrect installation will result in malfunction of the valve and possible damage.
4. Check the valve label for pressure range requirements. Any valve should not be used for higher pressure than what they are rated for.
5. The valve label will indicate the valve body material and the seal material. Never apply incompatible fluids or gasses with the body and seal material.
6. The seal material indicates the temperature range that can be used with the valve. Going beyond the temperature range will cause the valve to malfunction.
7. All valves should be cleaned from time to time. Generally, if the voltage to the coil is correct, sluggish valve operation, excessive noise or leakage will indicate that cleaning is required.