

PEM ALL

Electric Solenoid



The Electric Solenoid Valve is a normally closed valve that requires electrical energy to open. This opening vents the pressure from the top of the piston in the cylinder valve, allowing the piston to slide upward and commence cylinder discharge. The Electric Solenoid Valves are available in 6 VDC, 12 VDC, and 24 VDC. The source of the electrical energy will determine the number and rating of the electrical solenoid used.

The solenoid circuit must be supervised for a break in the wiring, a ground or a short circuit.

The cylinder discharge valve that is equipped with a solenoid valve is to be connected to a Control Panel that is UL Listed for releasing device service and compatible with Pem All equipment.

Prior to wiring the solenoid to the actuation circuit, check to be sure the solenoid rating matches the actuating circuit voltage.

NOTE: Two 12 VDC solenoids can be wired in series in a 24 VDC actuating circuit.

Connect solenoid pigtails to actuation circuit wires with wire nuts within a junction box or by means designated by the authority having jurisdiction.

Whenever an Electric Solenoid is used as the sole means of actuation, a top plug must be used to seal the top of the cylinder valve.

PAEH50024-4	Electric Solenoid	6 VDC	1.52 Amp
PAEH50024-4E	Electric Solenoid	6 VDC	1.52 Amp (Explosion Proof)
PAEH50025-1	Electric Solenoid	12 VDC	0.385 Amp
PAEH50025-1E	Electric Solenoid	12 VDC	0.385 Amp (Explosion Proof)
PAEH50025-2	Electric Solenoid	24 VDC	0.32 Amp
PAEH50025-2	Electric Solenoid	24 VDC	0.32 Amp (Explosion Proof)

FM Approved—FM 2D3A4.AF

UL Approved—UL EX4668

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