



1700 ECUATEPI

328 28374

Sitio web: [www.ecuatepi.com](http://www.ecuatepi.com)E – mail: [info@ecuatepi.com](mailto:info@ecuatepi.com)

## Electric Solenoid

### DESCRIPTION

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, 24 VDC and 120 VAC. 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 devices and compatible with Orient Fire Suppression equipment.

Prior to wiring the solenoid to the actuation circuit, check to be sure.



**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.

Part Number	Description	Electrical Rating
OCI 50025-1	Electric Solenoid	12 VDC 0.385 Amp
OCI 50025-1E	Electric Solenoid	12 VDC 0.385 Amp (Explosion Proof)
OCI 50025-2	Electric Solenoid	24 VDC 0.32 Amp
OCI 50025-2E	Electric Solenoid	24 VDC 0.32 Amp (Explosion Proof)
OCI 50025-3	Electric Solenoid	120 VAC 0.16 Amp
OCI 50025-3E	Electric Solenoid	120 VAC 0.16 Amp (Explosion Proof)
OCI 50025-4	Electric Solenoid	6 VDC 1.52 Amp
OCI 50025-4E	Electric Solenoid	6 VDC 1.52 Amp (Explosion Proof)
OCI 91225-1	Electric Solenoid	1,200 LB. 12 VDC
OCI 91225-2	Electric Solenoid	1,200 LB. 24 VDC



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