



# Sinorix™ Engineered Fire Suppression Systems

## Electronic-Releasing Solenoids

Models: CPYEC-6/6-EXP / CPYEC-12/12-EXP / CPYEC-24/24-EXP and CPYEC-24-15W


### ARCHITECT AND ENGINEER SPECIFICATIONS

- Available in 6, 12 and 24-Volt versions
- Factory installed
-  UL Listed &  ULC Listed  
FM, CSFM & NYMEA Approved




### Product Overview

Electronic-releasing solenoids are specially designed for the controlled release of Sinorix agent from Siemens – Fire Safety fire-suppression systems. The solenoid valve is normally closed (NC), and will open when electrically energized. This action relieves the pressure above the cylinder-valve piston, causing the cylinder valve to open.


Solenoid valves are available with 6 VDC, 12 VDC and 24 VDC coils, and explosion-proof housings for each coil is offered. The units are tested by Underwriters Laboratories and Factory Mutual to  UL Standards 1058 and 2166 for Sinorix Engineered Fire-Suppression Systems.

Connection of the solenoid valve to the cylinder valve is conveniently made with N.P.T. fitting. The solenoid is furnished with 18" pigtailed.

### Specifications

The Sinorix master cylinder is fitted with an electronic-releasing solenoid valve; capable of actuating the cylinder valve. The solenoid housing meets all requirements of the  UL Standard 1058, including corrosion resistance.

The solenoid coil is field removable for servicing and testing purposes. Extended leads are supplied on the solenoid for connection to a user-supplied junction box.

The valve actuator on the electronic-releasing solenoid is  UL Listed and FM Approved for use in Sinorix Engineered Fire-Suppression Systems.

## Electrical Ratings

<b>Available Coils:</b>	6VDC 12 VDC 24 VDC
<b>Coil Duty:</b>	Continuous
<b>Coil Class:</b>	F.T.
<b>Housing:</b>	NEMA 4, 7 and 9
<b>Power Consumption:</b>	6 VDC / 1.52 Amps.
	12 VDC / 0.385 Amps.
	24 VDC / 0.32 Amps.
	24VDC (1200lb. Cylinder) / 0.625 Amps.
	12VDC (1200lb. Cylinder) / 1.25 Amps.

## Details for Ordering

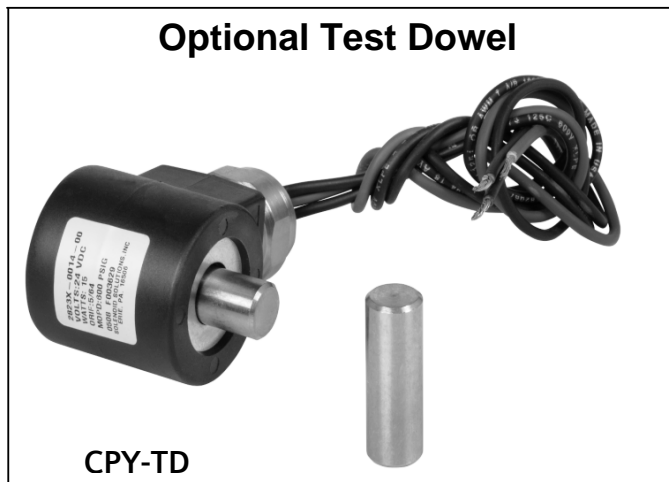
Model Number	Part Number	Description
CPYEC-6	240-697911BG	Solenoid, 6VDC
CPYEC-6-EXP	240-697915BG	Solenoid 6-EXP [Explosion Proof]
CPYEC-12	240-697912BG	Solenoid, 12 VDC
CPYEC-12-EXP	240-697916BG	Solenoid 12-EXP [Explosion Proof]
CPYEC-24	240-697913BG	Solenoid, 24 VDC
CPYEC-24-EXP	240-697917BG	Solenoid, 24-EXP [Explosion Proof]
CPYEC-24-15W	240-649671BG	Solenoid 24 - 15W

### Electronic Releasing Solenoids

CPYEC-6	→	6 VDC / 1.52 Amps
CPYEC-6-EXP	→	6 VDC / 1.52 Amps [Explosion Proof]
CPYEC-12	→	12 VDC / 0.385 Amps
CPYEC-12-EXP	→	12 VDC / 0.385 Amps [Explosion Proof]
CPYEC-24	→	24 VDC / 0.32 Amps
CPYEC-24-EXP	→	24 VDC / 0.32 Amps [Explosion Proof]
CPYEC-24-15W	→	24VDC / 0.625 Amps (1200lbs. agent-cylinder only)

**Note:** Explosion-proof solenoids are ©UL Listed only.

### Optional Test Dowel



**Notice:** This marketing data sheet is not intended to be used for system design or installation purposes. For the most up-to-date information, refer to each product's installation instructions.