

# HAZARDOUS LOCATION SOLENOIDS

EX D IIC HAZARDOUS COIL | PRODUCT DETAIL

## Description

The Ex d IIC is a hazardous location solenoid designed for use in areas where combustible gases and dusts may be present.

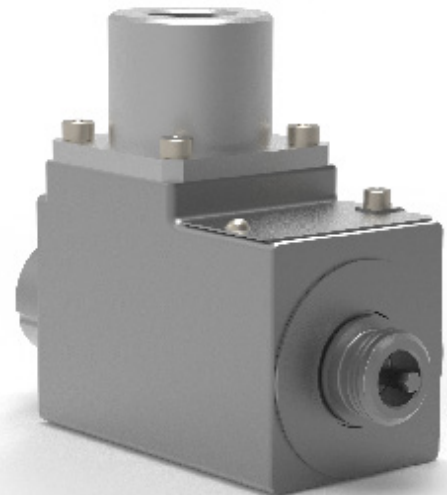
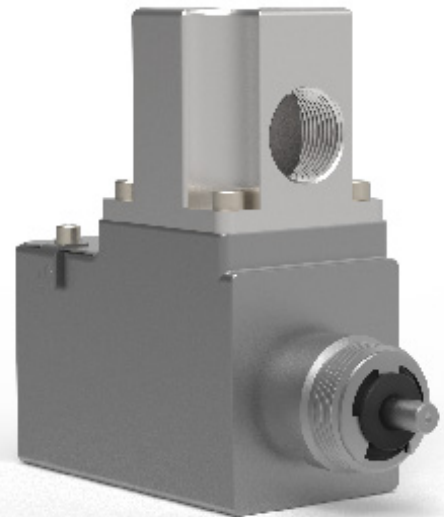
- Various On-Off (Rectified AC or DC) and Proportional (DC) options available
- Chemical-resistant polyester powder coating for extreme conditions
- M20 or 1/2 NPT conduit connection terminal block with push in termination
- Zinc nickel for effective corrosion resistant products
- Screw-in or 4-bolt interface

Specification	Value
Voltage	Up to 250 Volts AC or DC
Wattage	Ambient/Surface Temp. Dependant
Duty Cycle	100% Continuous Duty
Standard Pressure	5,000 PSI Standard NFPA Rated
Corrosion Resistance	Up to 1,000 Hours Salt Spray
Ambient Temperature	-54°C up to 110°C (T4)
Ingress Protection Rating	IP66

**Hazardous Certification Table\***

Protection Method	Hazardous Code	Hazardous Detail	Certification Agency	Location
Explosion Proof	(XP)	Class I, Div 1, GRP B,C,D	CSA (C & US)	North America
Flame Proof	Ex db	Zone 1, 2G	ATEX IECEX	Europe International
Dust Ignition Proof	(DIP)	Class II, Div 1, GRP E,F,G	CSA (C & US)	North America
Dust-tight Enclosure	Ex tb	Zone 21, 2D	ATEX IECEX	Europe International

\*Additional certifications available for special markets





Our family of hazardous location solenoid products feature robust designs for high vibration environments and carry multiple global certifications. These products are best suited where the potential for explosive or hazardous gas environments exist such as oil and gas drilling, power generation, turbine process control, and specialty actuators. Our team can also guide you through the complexity of hazardous location certifications.



### ABOUT US

We are a global leader in the design and manufacture of engineered solutions including solenoids, solenoid valves, linear and rotary position sensors, motors, electric actuators and flame arrestors. We serve hundreds of customers in diverse markets throughout the world with market-leading solutions enabled by our extensive design, test and manufacturing capabilities.

