Hazardous Location Solenoids | Product Detail

Modular Hazardous Coil

Description
The MH Coil is a solenoid coil designed for use on cartridge valve assemblies for applications in potentially hazardous or explosive environments.

- Incorporated flame paths allow connection with standard SICV’s
- Fin-free design to prevent build-up of grease, dust and debris
- Featuring a selection of on-off proportional options
- 1/2” NPT or M20 x 1.5 conduit connections
- Vibration resistant push to connect terminal block

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Core Tube Range</td>
<td>0.500” (12.7mm) through 0.640” (16.0mm)</td>
</tr>
<tr>
<td>Voltage</td>
<td>12 and 24 VDC (250 Max) and Onboard Rectifier for AC Circuits</td>
</tr>
<tr>
<td>Wattage</td>
<td>30 Watts Max</td>
</tr>
<tr>
<td>Duty Cycle</td>
<td>100% Continuous Duty</td>
</tr>
<tr>
<td>Corrosion Resistance</td>
<td>Up to 1,000 Hours Salt Spray</td>
</tr>
<tr>
<td>Ambient Temperature</td>
<td>-40°C to 80°C (T4)</td>
</tr>
<tr>
<td>Ingress Protection Rating</td>
<td>IP66</td>
</tr>
</tbody>
</table>

Hazardous Certifications Table*

<table>
<thead>
<tr>
<th>Protection Method</th>
<th>Hazardous Code</th>
<th>Hazardous Detail</th>
<th>Certification Agency</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Explosion Proof</td>
<td>XP</td>
<td>Class I, Div 1</td>
<td>CSA (C &amp; US)</td>
<td>North America</td>
</tr>
<tr>
<td></td>
<td></td>
<td>GRP B,C,D</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Flame Proof</td>
<td>Ex d</td>
<td>Zone 1, 2G</td>
<td>ATEX IECEx</td>
<td>Europe</td>
</tr>
<tr>
<td></td>
<td></td>
<td>IIC</td>
<td></td>
<td>International</td>
</tr>
<tr>
<td>Dust Ignition</td>
<td>DIP</td>
<td>Class II, Div 1</td>
<td>CSA (C &amp; US)</td>
<td>North America</td>
</tr>
<tr>
<td></td>
<td></td>
<td>GRP E,F,G</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dust-tight</td>
<td>Ex tb</td>
<td>Zone 21, 2D,</td>
<td>ATEX IECEx</td>
<td>Europe</td>
</tr>
<tr>
<td>Enclosure</td>
<td></td>
<td>III C</td>
<td></td>
<td>International</td>
</tr>
</tbody>
</table>

*Additional certifications available for special markets

GO TO WWW.GWLISK.COM TO LEARN MORE ABOUT OUR CUSTOM HAZARDOUS LOCATION PRODUCTS.
About G.W. Lisk Company

LISK is a global leader in the design and manufacture of custom solenoids, solenoid valves, LVDTs, and flame arrestors, providing custom-engineered solutions to customers in diverse markets including military, aerospace, on-highway, off-highway, and medical. We provide custom-engineered products and solutions to help customers meet demanding operational and strict environmental requirements in the following areas:

- Application Solutions
- Hardware Engineering
- Mechanical Design & Development
- Rapid Prototyping
- Qualification Testing
- Industry Certifications
- Vertical Integration (Manufacturing)
- Serial Production

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.

The experts at LISK can also guide you through the complexity of Hazardous Location certifications.

LISK prides itself on customer service, vertical integration, and the ability to provide custom solutions. For over 50 years LISK has been a leading supplier of custom engineered solenoids and solenoid valves.

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