Intrinsically Safe Solenoid Valves
Aluminum, Brass, or Stainless Steel Bodies

Applications
Designed for installation in intrinsically safe and non-incendive field wiring areas, with properly approved and sized current and voltage limiting barriers

Features & Benefits
• Increased Environmental Rating*
  • 4X/IP66, 6P/IP67
• New 316L Stainless Steel Junction Box
  • For use in highly corrosive environments
• Mountable In Any Position
• SIL 3 Certified
  • SIL 3 capable per IEC 61508, third party certification provided by EXIDA
• Variety Of Electrical Connections
  • Available in 4 versions (junction box, conduit**, DIN, multi-pin)
  ** Conduit version has 316 stainless steel conduit hub and stainless steel base plate.
• Global Approvals:
  • FM & CSA Approved for Intrinsically Safe Class I Div. 1 Locations
  • Approved for Non-Incendive Field Wiring (NIFW) Class I Div. 2
  • ATEX Approved for: II 1 G Ex ia IIC T6 Ga
  • IECEx Approved for: Ex ia IIC T6 Ga
  • Meets applicable CE directives
• No Special Media Filtration Required
  • Filtration required is 40 microns - Instrument air in compliance with ANSI/ISA 7.0.01-1996 meets this requirement

Specifications

<table>
<thead>
<tr>
<th>Valve Type</th>
<th>Series</th>
<th>Description</th>
<th>Enclosure Type Rating</th>
<th>Enclosure IP Rating</th>
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</thead>
<tbody>
<tr>
<td>3-Way</td>
<td>8314, 8316, 8317, 8551, 8553</td>
<td>1/2&quot; NPT Conduit</td>
<td>4, 4X</td>
<td>IP66</td>
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<td>6, 6P</td>
<td>IP67</td>
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<tr>
<td>4-Way</td>
<td>8344, 8551, 8553</td>
<td>Aluminum Junction Box</td>
<td>4, 4X</td>
<td>IP66</td>
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<td>6, 6P</td>
<td>IP67</td>
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<td></td>
<td>SS 316L Junction Box</td>
<td>4, 4X</td>
<td>IP66</td>
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<td>6, 6P</td>
<td>IP67</td>
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<td>5-Pin (Male M12)</td>
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<td>IP20</td>
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<td>DIN (Form A)</td>
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<td>IP20</td>
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Note: -40°F (9314, 8317, 8551/3 Brass & Stainless). Please refer to the IS section in the ASCO complete product offering catalog for detailed specifications.

www.ascovalve.com