Over 50 years of railcar controls design

AVENTICS has been the leading pneumatics component manufacturer since the 1960’s for rapid discharge rail hopper cars. Our success can be attributed to high quality, reliable and innovative products, along with an unsurpassed customer satisfaction record.
Pneumatic Controls for Railcars

Railcar Pneumatic Cylinders

- Heavy duty cast head and caps: 8”, 10”, 12” and 14” bores
- Tube materials: lightweight fiberglass or heavy duty steel tubing
- Piston rods in hard chrome plated steel or stainless steel
- Standard or custom stroke lengths
- NFPA MP1, MS4 or custom mounts
- Standard cylinders including aluminum and heavy duty NFPA steel

Railcar Pneumatic Directional Control Valves

- Manual or solenoid operated
- Subplate or tapped body options, protective cover optional
- Unique manual override systems and open door indicator option
- Port sizes from 1/4” thru 1-1/4” NPTF
- 12VDC or 24VDC

Advantages

- Best in class pneumatic components designed for long life, easy installation and repairability
- Controls for bottom dump hopper cars
- Solutions for aggregate, coal, grain, ore, etc.
- Pre-lubricated components
- Standard and custom options
- Railroad heritage back to Westinghouse Air Brake Company in the 1800’s

Valve Series

<table>
<thead>
<tr>
<th>Valve Series</th>
<th>Description</th>
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<tbody>
<tr>
<td>RCVS</td>
<td>Primary coal car valve, 24VDC standard, combination open door indicator and manual override, 3/4” ports, hot shoe input</td>
</tr>
<tr>
<td>RCV4</td>
<td>Primary aggregate car valve, 24VDC standard, combination open door indicator and manual override, 3/4” ports, multiple door touch pad input</td>
</tr>
</tbody>
</table>

Valve Series

- Manual or solenoid operated
- Filters, regulators, anti-freezers, etc.
- Flow control, quick exhaust, shuttle and check valves

RCV4 valves with combination manual override and open door indicator

Railcar cylinder with 12 bore