

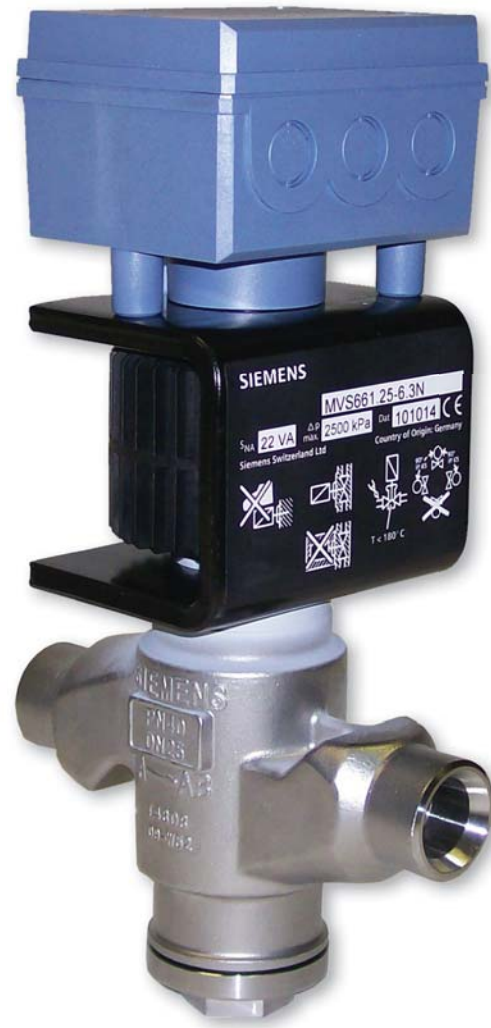
# Modulating Refrigerant Valve

Type: MVS

## Customer Value Proposition:

The MVS industrial electronic control valve utilizes electronic controls to regulate both liquid and vapor refrigerant flows. MVS valves can be applied to manage liquid levels in vessels, superheat for direct expansion evaporators, brine temperature in chillers, hot gas for defrost, and countless other installations.

MVS valves employ a linear magnetic actuator for valve positioning. This actuator reacts to the control input provided by a process controller. Together, the valve and controller can provide unmatched precision and versatility in a variety of applications.



## Contact Information:

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## Product Features:

- Suitable for ammonia and other common refrigerants
- 3/8", 1/2", 3/4", 1" and 1 1/4" port sizes available
- Single output: DC 0/2 - 10V or DC 0/4 - 20 mA
- CE conformity to EMV requirements
- NEMA 3R (IP65) electrical construction
- Conform to UL and CSA
- Complies with Pressure Equipment Directive (PED) 97/23/EC
- Hermetically sealed
- Outfitted with position feedback
- Fast response (0 - 100% Open < 1sec.)
- On-board diagnostics
- Replaceable capacity cartridges
- Corrosion resistant construction
- Spring return offers tight shut-off in the event of a power failure



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