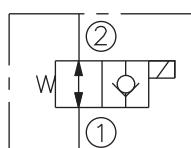


9-5111-NO & 9-5112-NO: When de-energized, the valve allows bidirectional flow from port 2 to port 1. When energized, the valve's poppet closes to block flow from port 2 to port 1. In this mode, the cartridge allows free reverse flow from port 1 to port 2, after overcoming the solenoid force (50-150 psi).



9-5111-NC & 9-5112-NC: When de-energized, the valve acts as a check valve, allowing flow to pass from port 1 to port 2, while blocking flow from port 2 to port 1. When energized, the poppet lifts to open the port 2 to port 1 flow path. In this mode, flow is also allowed from port 1 to port 2.

