Understanding Pneumatic Schematics Symbols for Sliding Solenoid Valves

The Dark Rectangles indicate the possible positions or In this position Port A conditions of the valve. This Is being exhausted through valve has 5 ports and 2 possible **Arrows** indicate exhaust port EA. positions or conditions, thus it is direction of gas flow designated as a 5/2 valve. through the valve and ports In this position Port B Is being pressurized through pressure **Actuator symbol** В supply port P indicates how the valve is controlled: Manual/Air Pilot or **Return Spring Electronic Solenoid** indicates the Note: This is an Position of the electronic actuator solenoid valve symbol. at rest. EA $\mathbf{E}\mathbf{B}$ **Triangle Symbols** "T" Symbol indicates a indicate output or The pressure or gas supply closed (exhaust) valve. exhaust port B port is indicated by a circle and/or a P symbol.