SUBMITTAL SHEET

CAMS with Rapid Stop
SEQUENCE OF OPERATIONS

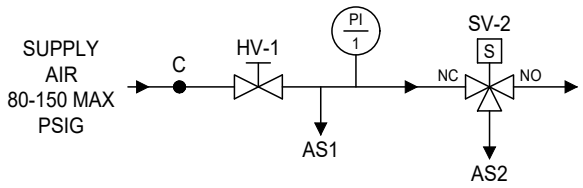
COMPONENT IDENTIFICATION CODE

AS1	Pilot Line Air
AS2	High Pressure Purge Line Air
CAMM	Combustion Airflow Management Module
HV-1	Supply Air Shut Off Valve
PI-1	Gauge, Supply Air Pressure, 0-160 psig
SV-1A	Solenoid Operated (externally piloted) 3-Way Valve, Static (low) Pressure
SV-1B	Solenoid Operated (externally piloted) 3-Way Valve, Total (high) Pressure
SV-2	Solenoid Operated 3-Way Valve, Main Air
SV-3A	Solenoid Operated 2-Way Bleed Valve, Static (low) Pressure
SV-3B	Solenoid Operated 2-Way Bleed Valve, Total (high) Pressure

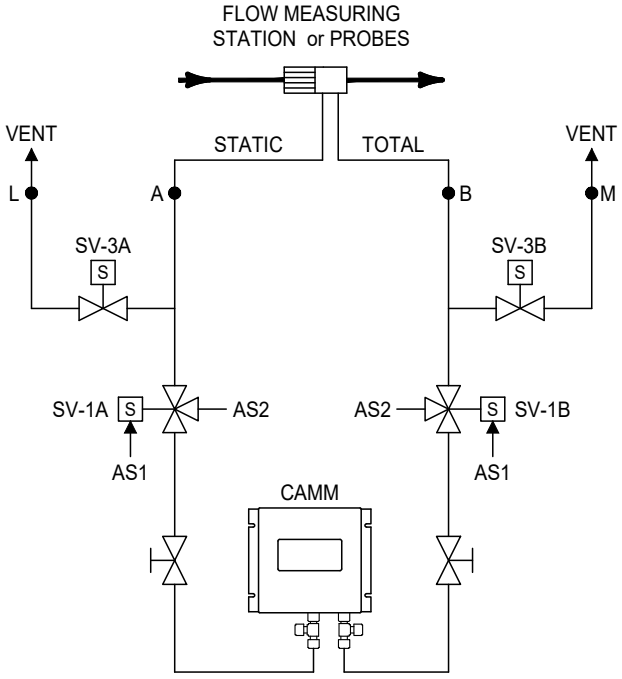
SEQUENCE OF OPERATIONS

The AUTO-purge sequence is initiated at regular field selectable intervals by the CAMM. When a purge sequence is initiated, the CAMM holds its analog outputs at their last measured values and isolates the signal lines to the CAMM from the process lines. After isolation of the signal lines, high pressure purge air (up to 150 psig) is applied to the process lines for a preset time interval, to clean the sensing orifices of the Total and Static pressure manifolds. After purge duration, high pressure air supply is cut off and the sensing lines are rapidly depressurized by activating bleed valves. Next, the signal lines to the CAMM are reconnected to the process lines, and after a short signal recovery period, the CAMM releases its analog output(s) hold, and resumes normal flow measurement. For more detail on valve activations and time intervals, refer to the CAMS with Rapid Stop Purge Cycle Timing Diagram.

SCHEMATIC



SUPPLY AIR SCHEMATIC



STATIC & TOTAL PRESSURE SCHEMATIC

P.O. Box 6358, Santa Rosa, CA 95406 (707) 544-2706
www.airmonitor.com amcsales@airmonitor.com

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