

SIEMENS

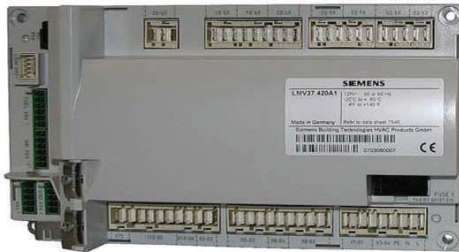


LME7 BURNER CONTROL

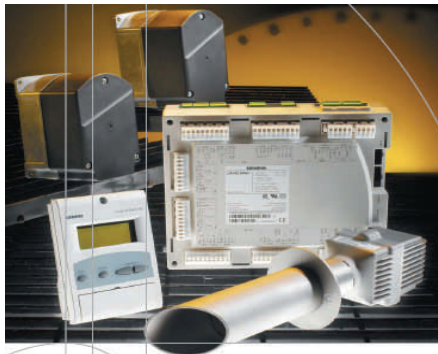
- MICROPROCESSOR-BASED BURNER CONTROL
- USED FOR THE STARTUP AND SUPERVISION OF 1-OR-2 STAGES GAS FORCED DRAFT BURNERS IN INTERMITTENT OPERATION
- PROGRAMABLE MODULE
- BURNER CONTROL
- BCI
- CONTROL FOR ONE ACTUATOR
- LOCKOUT RESET BUTTON
- UNDERVOLTAGE DETECTION
- DISPLAY ON BURNER CONTROL
- FAULT STATE AND OPERATIONAL STATE MESSAGE



LMV 3 SERIES ECONOMY LINKAGELESS BURNER-COMBUSTION CONTROL



- BURNER CONTROL WITH GAS VALVE PROVING
- PARALLEL POSITIONING COMBUSTION CONTROL
- VFD (VARIABLE SPEED DRIVE) COMBUSTION BLOWER MOTOR FEEDBACK SIGNAL
- FLEXIBLE/ECONOMICAL PACKAGE BETWEEN 5 MILLION BTU AND LESS
- FLAME SAFETY
- MODBUS INTERFACE
- OPERATION IN DUEL FUEL
- IONIZATION FLAME ROD OR QRA UV SCANNER
- INTEGRATED PARALLEL POSITIONING COMBUSTION & FLAME SAFEGUARD CONTROL , 2 MOTORS , 1 VSD
- VFD (VARIABLE SPEED DRIVE) COMBUSTION BLOWER MOTOR FEEDBACK SIGNAL



LMV INTEGRATED SAFETY—ONE CONTROLLER ONE SIEMENS RESPONSIBILITY

- SECURED CANBUS SYSTEMS PROTOCOL
- IR SELF CHECK SCANNER OR NEW AGA75 U.V. SELF CHECK SCANNER.
- PARALLEL POSITIONING COMBUSTION CONTROL
- VSD (VARIABLE SPEED DRIVE) COMBUSTION BLOWER WITH INDEPENDENT MOTOR FEEDBACK SIGNAL
- SAFE O2 TRIM WITH ZIRCONIUM OXIDE SENSOR
- RETURN ON INVESTMENT, USUALLY LESS THAN A YEAR.



SQM40-41 SYNCHRO MODULATION MOTOR



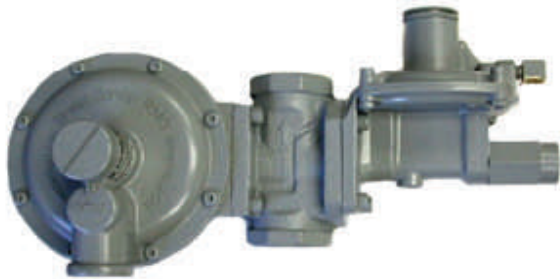
- DRIVES FLOW CONTROL VALVES, BUTTERFLY VALVES AND DAMPERS
- CW AND CCW ROTATION MODELS
- RUNNING TIME FROM 15 TO 30 SECONDS
- UL/CSA APPROVALS
- TORQUE UP TO 10Nm /90"
- HIGH RESOLUTION ECONOMY MODULATION MOTOR
- 3/8" SQ. AND OTHER SHAFTS AVAILABLE
- ELECTRONIC VERSION WITH ANALOG INPUT SIGNALS 4-20MA & 0-135 OHM ON SAME UNIT
- OPTIONAL FEEDBACK SIGNALS
- MOTOR CLUTCH RELEASE



VOG: OIL SAFETY SHUT OFF VALVE

- UL LISTED, FM APPROVED, CSA CERTIFIED, ISO 9001 AND ISO 14001 CERTIFIED
- ELECTRO-HYDRAULICALLY THREE-WAY OIL VALVE TO PROVIDE SAFETY SHUT-OFF CONTROL
- SUITABLE FOR #2, TO #6 OIL, WITH MAX VISCOSITY 5000 SSU
- NORMALLY CLOSED PORT RATED FOR A SAFETY SHUT-OFF FUNCTION
- PROOF OF CLOSURE (POC) WITH OVER TRAVEL
- ACTUATOR WILL OPEN SLOWLY AND IF POWER IS INTERRUPTED IT WILL CLOSE IN LESS THAN A SECOND

BRYAN DONKIN - RMG - SLAM SHUT REGULATORS



- CSA 6.22 APPROVED
- B149.1/3 VENTLESS REGULATOR FOR SUPPLY PRESSURES OVER 2 PSI
- VENTLESS WITH SAFETY DIAPHRAM
- BRYAN DONKIN SERIES 240, 260 & 274 REGULATORS NOW Z21.80 APPROVED
- CAPACITIES UPTO 16 MILLION, 40 MILLION PENDING

THERMAL MASS FLOW INSERTION & VORTEX GAS-STEAM METERS



SIERRA 620S INSTRUMENTS' BOILER-TRAK™ & 780S INSTRUMENTS' FLAT-TRAK™

INSERTION HOT TAP GAS METERS FOR 2-8" LINES

- 200 MILLISEC.RESPONSE TIME
- ALLOWS FIELD ADJUSTMENTS OF CRITICAL FLOW METER SETTINGS
- ISOLATED ALARM OUTPUTS DISPLAYED
- FIELD VALIDATION OF FLOW METER CAL.
- DISPLAY TOTALIZER VALVES
- INSTANTANEOUS FLOW DISPLAY

VORTEX METERS

- BUILT-IN FLOW CONDITIONER THAT ELIMINATES DISTORTIONS,
- ONE-SEC.REPONSE TIME
- FIELD VALIDATION OF METER ELECTRONICS
- DRY SENSE™ INSURES THAT IT WILL HOLD CALIBRATION OVER TIME



BOILER BLOW DOWN VALVES



STEAM RATED VALVE FEATURES

- NOVA SEATS-MADE OF A PTFE BASE FILLED WITH GLASS FIBERS, AMORPHOUS CARBON POWDER AND GRAPHITE. NOVA HAS BETTER THERMAL PROPERTIES THAN PTFE MAKING IT A BETTER CHOICE FOR STEAM OR THERMAL FLUID APPLICATIONS UP TO 500 °F. CARBON STEEL VALVE W/RAISED MOUNT
- FULL PORT DESIGN FOR FULL FLOW AND MINIMAL PRESSURE DROP
- PRESSURE RATED 2000 PSIG (CWP), CSA APPROVED MOTOR, CRN LISTED VALVES, TIMER CONTROL PANEL



CONDUCTIVITY ANALYZER/CONTROLLER APPLICATIONS

- PROCESS CONTROL & COOLING TOWER CONTROL, WATER QUALITY MONITORING, WATER TREATMENT, REVERSE OSMOSIS, DE-IONIZATION, DESALINATION AND HIGH PURITY WATER PROCESSING ,FOOD & BEVERAGE, CHEMICAL PROCESSING, MINING, NUCLEAR ENERGY AND