



CALSCAN

reliable solar electric
separator controls
& measurement

BA-15L BEAR LINEAR ACTUATOR

Zero Emission Linear Actuator for your Wellhead Separator

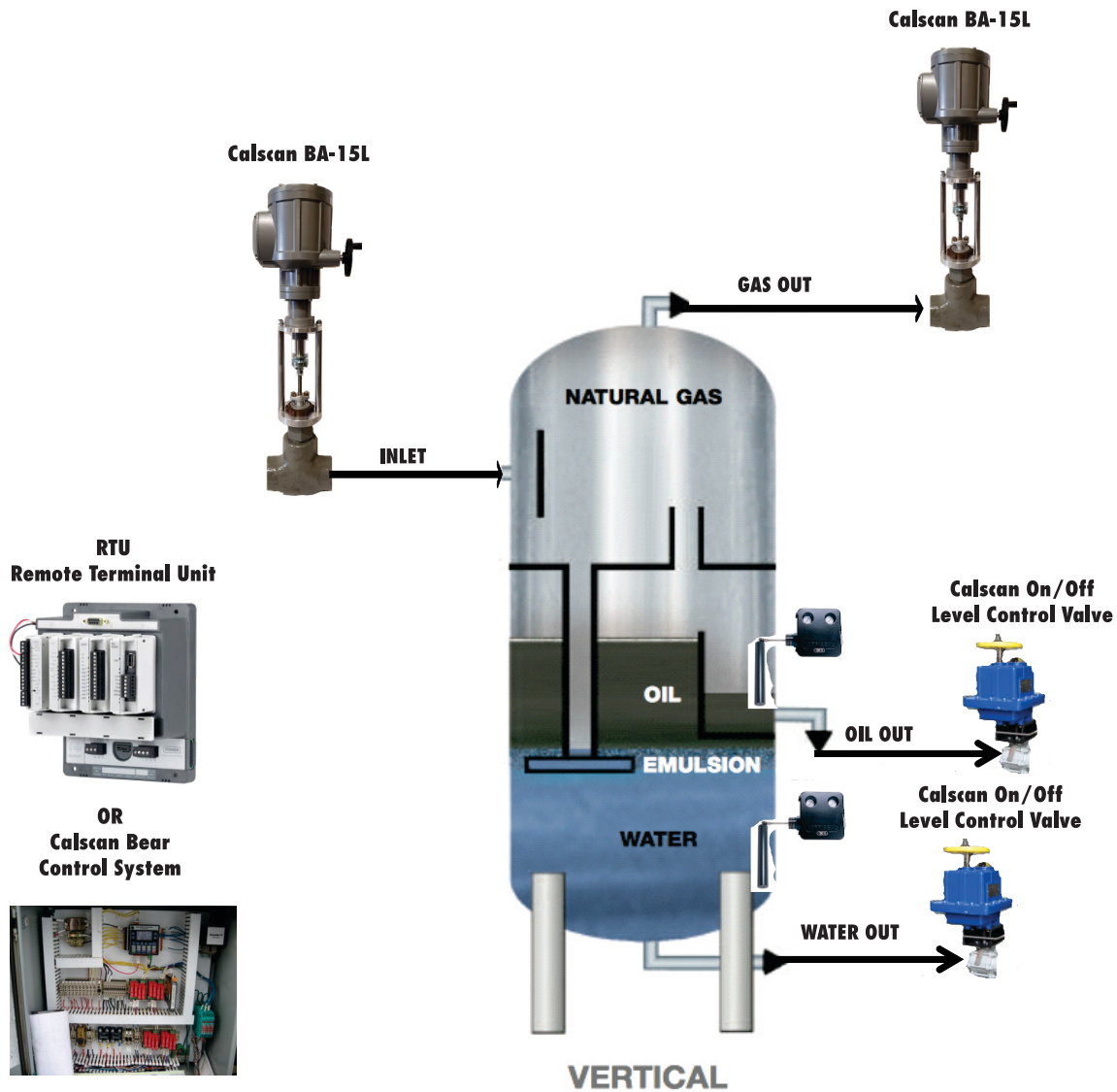
Calscan's Bear Linear Actuators are designed for the 21st century zero-emission well site by replacing fuel gas pneumatic actuators with electrically powered ones. Advanced electronics and a high efficiency brushless DC motor gives BA-15L low active and standby energy consumption ideally suited for remote non-grid power sites, such as solar or TEG.

Easily installed on standard control valves such as the Fisher ET and D-body valves, the BA-15L linear actuator can be used in processes for throttling or on-off control. The actuator is designed for the harsh environmental conditions of the Canadian climate.

Specifications:

- Electronically adjustable thrust 900 to 3300 lbf
- Adjustable speed 0.7 to 4.2 inch/minute
- Max stroke 3.3 inches
- Power input 20 to 30 VDC
- Max Actuating Power < 4.2 amps
- Standby current < 50mA
- Servo-motor technology for high precision control
- Explosion-Proof housing. Class 1 Div. 1 / Zone 1 rated
- Single hand manual operation
- Hand wheel not moving during automatic operation
- Control with digital input or 4-20 mA
- Fail-Safe on lost of signal
- Detection of blockage and soft seating in end stops
- Fast initialisation function for set up
- Installed on 1" to 4" Control Valves (Such as ET and D-body type)
- Pressure ranges from 150 to 2500 ANSI





Calscan Supplies Completely Designed Electric Wellhead Solutions.

- Zero methane venting
- Vent gas measurement
- Eliminate propane and wet gas issues
- Stop H₂S venting
- Well site automation
- Increased gas production
- Greenhouse credits benefits
- Class 1 Div 2 Control Panel
- Electric Inlet pressure control
- Electric outlet flow control
- Electronic level controllers
- Electric level control valves
- ESD system pressure & level switches
- Electric chemical pumps
- Solar panels and batteries
- Easy retrofit to existing RTU



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