



# PUMP OFF CONTROLLER



The **BRENNAN ENGINEERING PUMP OFF CONTROLLER (BEPOC®)** is a comprehensive approach to rod pump management. The system calculates a downhole card by solving the 1D wave equation using the directly measured surface load and position as the initial boundary conditions.



### Touch Screen

The sunlight-readable color touch screen makes on-site well management quick and easy.



### Rapid Start Programming

Simply enter a few parameters to be up and running in as little as 15 minutes with BEPOC Rapid Start.



### Remote Access

BEPOC Wi-Fi provides secure wireless management of well systems from your phone, tablet, or computer.



BEPOC optional Wi-Fi provides secure wireless access from your PC or Apple browser, or the BEPOC Android app.

- The BEPOC color touch screen controller can be paired with a regenerative drive.

Learn more at: [beiw.com](http://beiw.com)

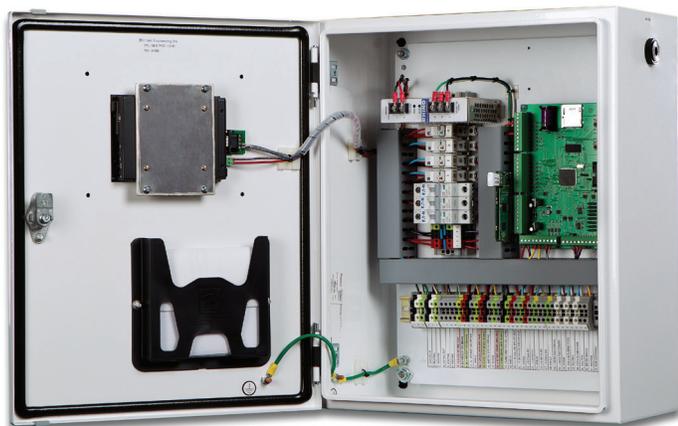


## BEPOC® FEATURES

- DOWNHOLE or SURFACE control
- Direct measurement of load and position for accurate determination of pump intake pressure
- MODBUS protocol with added features
- Remote emergency shutdown (ESD) functionality
- Color touch screen, sunlight-readable
- Wi-Fi compatible
- Supports polished rod load cell
- Supports hall effect position sensors
- Supports tubing and casing pressure transducers
- Supports tubing, casing, and vibration switches
- Spare I/O analog and digital
- Minimizes mechanical stress on equipment
- Reduces power consumption
- Minimizes equipment wear
- Reduces or eliminates fluid pound
- Maximizes run times
- Flexible configuration
- Simple operation and setup, decreases startup time
- Programmable restart function
- Auto restart after power loss or fault condition
- NEMA4 steel 20"x 16"x 8" enclosure
- Prewired to control terminal blocks for easy field installation

## VFD/Regenerative Drive Option Also Includes:

- Maximum torque from zero to base speed
- High-speed operation up to 120Hz
- Adjustable speed eliminates need for sheave changes
- Eliminates the need for a harmonic filter
- Transfers excess energy back to the utility, eliminating a braking resistor
- Controls low fluid level without pump off



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