

bplogic

brainpower your pumps!



Intelligent pumps
for your future.



Additional information can be found under:
bplgic.brinkmannpumps.de/en





CONTROL, OPTIMIZE, DIGITALIZE.

Industry 4.0 in perfection: Utilizing blogic pump control allows to intelligently integrate BRINKMANN PUMPS' know how between machine tools, pumps, filtration systems and other components. blogic adapts perfectly to the existing system environment – no matter which variable frequency drives are used.

DEVICE FEATURES

- Aluminum housing (modular I/O-concept)
- 7" color display
- Proven M12 connections for sensors and actuators, fast and easy wiring
- No limitations to mounting direction

PREDICTIVE MAINTENANCE

Smart Data acquisition for practical applications like:

- Wear detection
- Maintenance-planning
- Run-time estimation
- Redundance/control, activation of standby pumps

SOFT SENSORS

- Pressure measurements without pressure sensors
- Flow rate measurements without flow sensors



CONNECTIVITY

- Fieldbus-connection, Modbus RTU, PROFINET RT
- Ethernet-based communication
- Optional cloud-connection via OPC-UA/MQTT
- Optional Wifi-connection for mobile devices (without separate app)

BASIC APPLICATIONS

- Plug-and-pump-solution
- Open and closed loop operation
- Operation of 2 pumps in series or up to 6 pumps in parallel
- Level control for pump back systems
- Operation of up to 6 applications in parallel

MONITORING

- Long-term logging of various signals (incl. CSV-export)
- Event-logging with clear text user prompts (error display/error correction)
- Logging of operating hours/display of energy consumption (per application and individual pump)
- Oszillograph (up to 8 signals in real-time)

ADVANCED APPLICATIONS

blogic is a smart field device capable of monitoring and controlling valves and other hardware components. It can also be used for control tasks normally executed by the machine tool.



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