

☆☆☆ **FT1-BLE** ☆☆☆
Bluetooth Backflush controller
General Features:



- **Operation output:** Enable operating one filter or start command. Operate 2 wire latch solenoid 12V DC.
- **Digital input:** Digital input for external digital DP device which produce dry contact.
- **Analog input:** Analog input for internal analog DP sensor.
- **Three operation modes**
 - **OFF:** Freeze the backflush controller.
 - **DP Only:** Start one flush cycle when there is high DP detection.
 - **TIME & DP:** Start one flush cycle when there is high DP detection. In addition, start one flush cycle by time interval.
- **Operation screen:** Displays the Flush mode, Time interval, Time interval lefts, Flush time, Flush state, DP set, Current DP and Start/Stop Flush process.
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- **Settings screen**
 - **DP Delay:** Delay for system stabilization before starting flush cycle and after finishing flush cycle due to DP sensor.
 - **Max loop:** The maximum consequent flush cycles due to DP sensor that permitted in order to prevent Looping.
 - **Device name:** Grant friendly name to the controller.
 - **Pressure units:** Display the differential pressure by Bar or PSI units.
 - **Sound:** Enable sound that indicate normal flush process or flush failure.
 - **Calibration:** For reading accuracy the analog differential pressure sensor.
- **Accumulations:** Enable flushes tracing by three flushes counters. Flush counter due to Time interval, Flush counter due to High DP detection, Flush counter due to Manual starts,
- **Preferences:** Change the display to your preferred font size and your preferred language.
- **Start Button:** External button for manually Start/Stop flush cycle.
- **Low energy consumption:**
12V DC power supply, Battery, Accumulator or four 1.5V batteries size C.
- **Bluetooth communication:**
Bluetooth communication. Up to 60 meters with line of sight between the smartphone and the controller.
- **Smartphone application:**
 - Professional backflush application.
 - Support Android and iOS smartphone operation systems.
 - Display Low battery or looping warning.
 - High performance. Includes partition to Operation, Settings, Accumulations and Preferences screens.
 - Modern graphical design. Grants to the application high usability scale.
 - Clear and user friendly.
 - Display the Bluetooth reception, Controller name, Flush state and batteries voltage level.