

# FloBoss™ 107 LCD Touchpad

The FloBoss™ 107 LCD Touchpad is a transreflective user interface that provides touch screen access to the process and operational information contained in a FloBoss 107 Flow Computer (FB107). It allows you to view and change parameters in the unit directly from the touch-sensitive display. The Touchpad displays real-time and historical charts to provide a visual representation of data contained in the FB107.

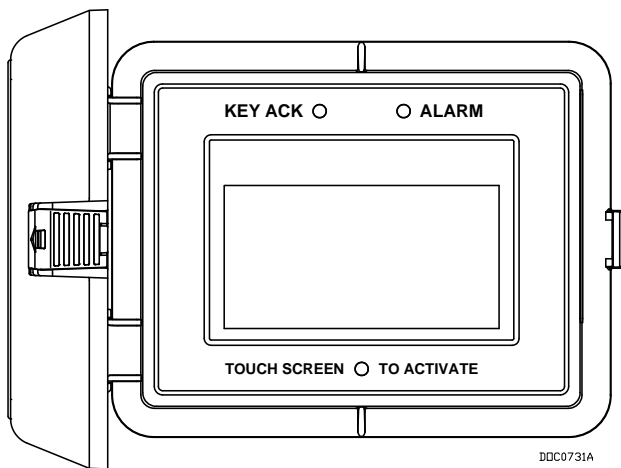
## Touchpad

The Touchpad consists of an 8-line by 21-character display. The Touchpad is transreflective for improved sunlight readability, and backlit for enhanced ambient light readability.

You can browse through lists or screens and enter numeric values by simply touching the LCD. The Touchpad shows measurement values in real-time. You can make configuration changes to numeric values through the Touchpad.

## Modes

You can configure the Touchpad to display information in two different modes – Normal and BLM (Basic List Mode). Under Normal mode, a logon prompt displays before any data is viewable. With BLM mode, a user-configured auto-scrolling list of read-only data displays before you are required to logon.



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## Charts

You can configure real-time dynamic and historical charts to display on the Touchpad using ROCLINK™ 800. Additionally, by simply touching the engineering units in the menu or user lists displayed on the Touchpad, you can view real-time charts for most values.

## Screens

Easy-to-navigate menus and screens allow access to the most commonly used parameters. You can add, delete, and modify viewed items using ROCLINK 800 Configuration Software.

The default screens of the main menu provide the following:

- User list information.
- Meter run information.
- Proportion, Integral, and Derivative (PID) loop and Function Sequence Table (FST) control.
- History charts and graphing.
- Input and Output (I/O) information.
- System information.
- Integrity and alarm conditions.
- Contrast Control.

## Security

Configure security for the Touchpad in ROCLINK 800, which allows individual user access customization. Set user access to view and edit parameters, to view parameters only, or to not view parameters for up to 16 users. Typically, user access assignment is based on an individual user's preferences.

## Connections to FloBoss

The FB107 communicates with and powers the Touchpad through the Display port on the FB107 unit.


## Mounting

The Touchpad has CSA Class I, Division 2 approval and can be mounted on a panel or on a Type 4 enclosure.

## Option

The Touchpad may be installed on an optional enclosure available from Remote Automation Solutions. For more information, contact your local sales representative.

## FB107 LCD Touchpad

Physical		
Touchpad	128 x 64 pixel, backlit, liquid crystal display.	
LEDs	Red LED	Displays alarm or integrity alerts
	Green LED	Displays positive key press indication
Communications	Connects to the FB107's Display port, maximum cable length of 15 m (50 ft)	
Housing	PBT/Polypropylene, UV stabilized	
Dimensions	111 mm H x 140 mm W x 25 mm D (4.38 in. H x 5.5 in. W x 1.0 in. D)	
Weight	0.23 kg (0.51 lbs)	
Mounting	Suitable for panel or enclosure mounting	
Power		
Input Power (from the FB107's display port)	Normal Idle Mode	120 mW
	Low Power Mode	42 mW
	Input Voltage	8 to 30 Vdc
Environmental		
Operating Temperature	-20 to 70 °C (-4 to 158 °F)	
Storage Temperature	-30 to 85 °C (-22 to 185 °F)	
Operating Humidity	0 to 95% relative humidity, non-condensing	
Radiated/Conducted Transmissions	Meets the requirements of IEC 61326 Electrical equipment for use in industrial locations	
Radiated Emissions	Meets FCC Part 15, Class A	
Vibration	Tested to ISA 75.13 1996 with an abbreviated endurance dwell test	
Approvals		
Product Markings for Hazardous Locations (North America)	Class I, Division 2, Groups A, B, C, and D CSA Type 4 rating when installed on enclosure per included installation sheet <i>Form A6236</i> .	
Miscellaneous Approvals	RoHS2	RoHS (2) EU Directive 2011/65/EU: This product may be considered out-of-scope when used for the intended design purpose in a Large Scale Fixed Installation (LSFI). Consult <a href="https://www.emerson.com/compliance">https://www.emerson.com/compliance</a> for up-to-date product information.
	RoHS (China)	

For customer service and technical support, visit [www.EmersonProcess.com/Remote/Support](http://www.EmersonProcess.com/Remote/Support).

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