

## FX SERIES

### EASY OPERATION OF MONITORS AND SETTING OF TIMERS, COUNTERS AND DATA REGISTERS

#### Product Introduction

Changes in machine finishing and adjustment or even initial setup require alterations in monitors and timer, counter and data register settings. The use of a FX Series display module (DM) ensures easy operation at an affordable price.

#### Features

##### ■ No Communications Program

All monitor and setup values can be changed via keys on the operating panel, eliminating the need for a communications program.

##### ■ Maintenance-Free

The LED screens of the FX-10DM-E is of the backlight type, making the excellent for use in locations where maintenance is difficult.

##### ■ Battery-Free

Device information registered by the register monitor function is saved in built-in EEPROM memory, eliminating battery requirements.

##### ■ Convenient Message Panel

A backlight LCD panel that can display up 16 characters×2 lines is provided for the display of alphanumeric characters. This is convenient for monitor data comments as well as use as a message panel for operation instructions or troubleshooting.

##### ■ Perfect for Facilities Requiring Waterproof/Dust proof Specifications

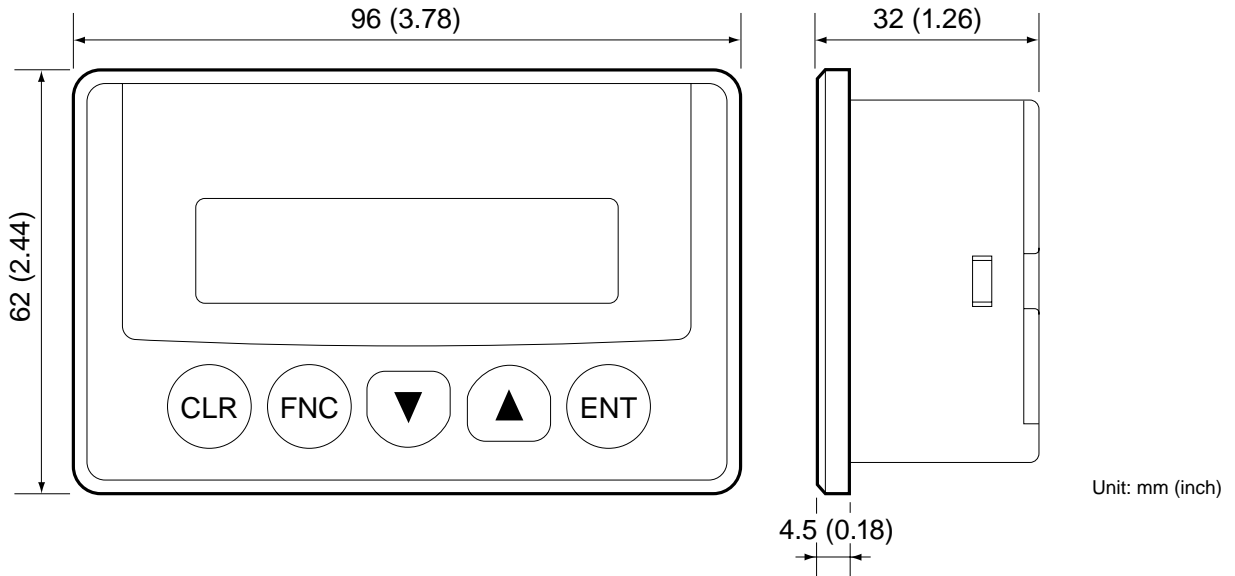
The operating panel of the FX-10DM-E has a dustproof surface and waterproof tested to IP65F specifications.



Control Panel Attachment  
FX-10DM-E



# External Dimensions



## Monitor Functions

### Monitor Mode

Display of word device (T.C.D.) possible.  
16 bit D, 32 bit D.....2-point display  
32 bit T.C.....1-point display

### Registration Monitor

Registration and continuous display of up to 8 devices maximum is possible. Displayed comments and messages are easy to read.

- With Device: Displayed with T.C.D. device.
- With Comments: Displays Device Comments  
Comment character no.: 16 bit 8 characters/32 bit 4 characters  
Comments can be made using the software used for making the relay ladder.
- No Device: Displayed without the use of T.C.D. device.
- Message Display: In addition to T.C.D. device, it's possible to display ASCII code characters saved in the data register.  
(Message: 16 characters maximum)

## Setup Functions

Display device present/setup values can be changed.

- Upper/Lower Limit Values: Possible to change settings of upper/lower limits and prevent error writing.
- Reset Function: Resets T.C.D. present value to zero.

## Other Functions

- Switch System Language: System language can be displayed in English or Japanese.
- Alarm Sound ON/OFF
- Title Screen Display ON/OFF

## Connectable to All FX Series Devices

### Safety Warning

To ensure proper use of the products listed in this catalog, please be sure to read the instruction manual prior to use.

 **mitsubishi electric corporation**  
HEAD OFFICE: MITSUBISHI DENKI BLDG., 2-2-3, MARUNOUCHI, CHIYODA-KU, TOKYO 100-8310, JAPAN