FBs-BPEP

Board Type Parameter Entry Panel

Features

■ Hierarchical menu driven entry design

■ Alarm function

■ Customized start up screen

■ Two-Level password protection

■ Configurable screen saver

■ Multi-lingual character display

■ Menu with hint

■ On-line/Off-line design simulation

Introduction

FBs-BPEP is originally designed as a cost effective and compact HMI device which can be mounted directly on the CPU module and mainly used for simple parameter entry and monitoring applications. Besides the main feature of data entry function, it also provides the alarm function.

The operation design of BPEP is based on the multi-level menu driven methodology. With this method, the operation of parameter entry can be very intuitive if the whole operations were carefully categorized into different menu levels.

The BPEP utilizes the dot matrix OLED display which makes it highly visible and can be shown patterns and characters other than English.

The programming of user menu for BPEP is by using the accompany utility – PEP Designer. With this utility, the user can design and simulate the menu design before actually download it to the BPEP.

Specifications

Display Resolution – 128 x 64

Display Size– 1 inch

Display Device –white light OLED

Max. Levels of Menu – 6

Max. Menus per Level - 10

Max. Menus Per Screen – 3

Max. Start up Screens - 16

Max. Alarm Messages – 64

Number of Operation Keys – 6

Max. Size of Menu Program – 128K Bytes

Menu Types – Menu, Value, List, Action

Action Types – Force On, Force Off, Toggle, Force Value, Add Value, Push On, Push Off.

Power Consumption –5V, 100mA

Operating Temperature –0 ~ 60 ℃

Storage Temperature -20 ~ 80 ℃