

FLEXEM——Resistive HMI 4000 Series

Module: FE4070C

Overview

- Plastic enclosure, low cost, high reliability.
- The main board is treated with a special coating (three anti-paint) to adapt to harsh environment.
- High resolution, high brightness, LED backlight, More energy saving and environmental protection.
- The USB host port supports U disk to storage and download data.
- 2-way serial port, more powerful expansion function.
- New configuration software, rich library, powerful features.

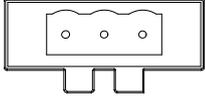
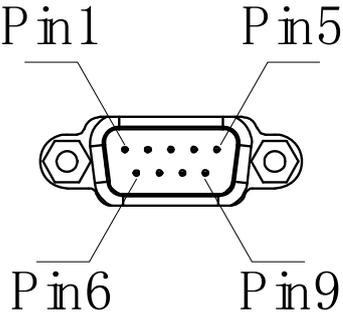
Appearance



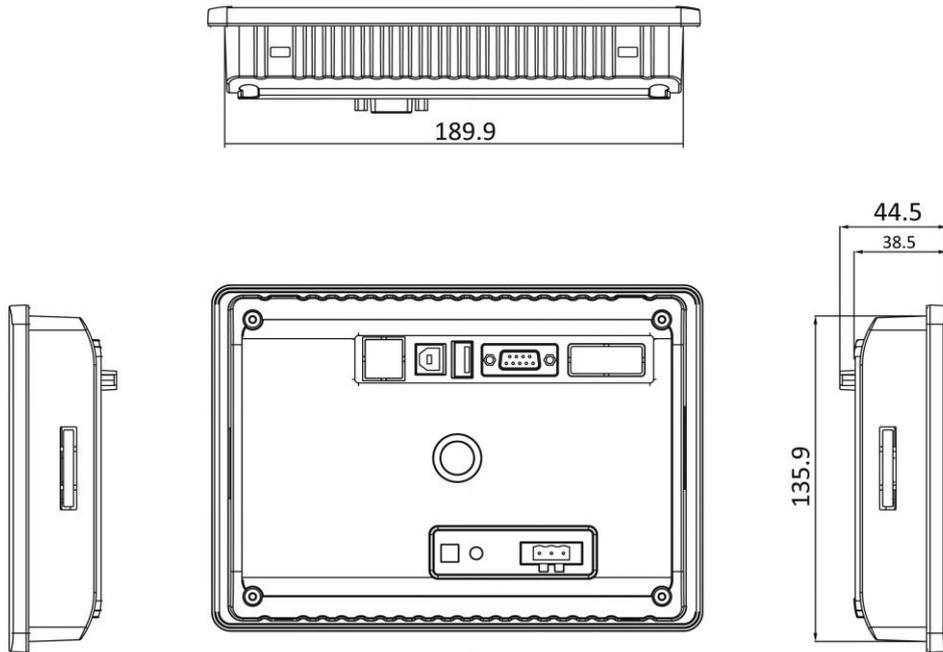
Specifications

| | | |
|------------------------------|-----------------------------|---|
| Hardware Parameter | Display | 7" 16:9 TFT LCD |
| | Resolution(WxH) | 800×480 |
| | Colors | 24-bit |
| | Brightness | 360 cd/m ² |
| | Backlight | LED |
| | LCD Life | 50000 hours |
| | Touch Panel | 4 wires resistive touch screen |
| | CPU | 600MHz ARM Cortex-A8 |
| | Memory | 128M Flash + 128M DDR3 |
| | RTC | Built in |
| | Ethernet | NA |
| | USB Port | USB Slave 2.0 Port*1, USB Host 2.0 Port*1 |
| | Download Project | USB Slave Port/U-disk |
| | COM Port | COM1: RS232/RS485/RS422 COM3: RS232 |
| | LCD viewing angle (T/B/L/R) | 50'/70'/70'/70' |
| Electrical Specifications | Power Consumption | < 10W |
| | Input Power | DC24V, Working range DC 9V~28V |
| | Power Protection | Protected from thunder strike and surging |
| | Power Down Allowed | < 5mS |
| | CE & RoHS | Complied with EN61000-6-2:2005, EN61000-6-4:2007, RoHS, Surge Immunity:±1KV, EFT:±2KV, ESD:4KV, Air:8KV |
| Environmental Specifications | Operating Temperature | 0~50°C |
| | Storage Temperature | -20~60°C |
| | Anti-UV | Not suitable to work in strong ultraviolet light (such as direct sunlight) |
| | Operating Humidity | 10~90%RH(No Condensate) |
| | Vibration Endurance | 10~25Hz(X,Y,Z Trend 2G/30 min) |
| | Cooling | Natural Air Cooling |
| Mechanical Index | Degree of Protection | Front IP65(with NEMA panel), Back IP20 |
| | Mechanical Structure | Engineering plastic |
| | Panel Cutout | 192mm×138mm |
| | Dimension | 204mm×145mm×44.5mm |
| | Weight | About 575g |

Wiring definition

| Power Terminal (Pin1~3 from left to right) | | |
|---|------------|---|
|  | Pin1 | FG |
| | Pin2 | 0V |
| | Pin3 | DC24V |
| DB9 Serial Terminal (COM1/COM3) | | |
|  | Pin1 | Rx-(B) |
| | Pin2 | RxD (COM1 RS232) |
| | Pin3 | TxD (COM1 RS232) |
| | Pin4 | Tx- |
| | Pin5 | GND |
| | Pin6 | Rx+(A) |
| | Pin7 | RxD (COM3 RS232) |
| | Pin8 | TxD (COM3 RS232) |
| | Pin9 | Tx+ |
| USB Host | | |
|  | USB Type A | Used to connect U disk, scan code gun and other peripherals |
| USB Slave | | |
|  | Micro USB | Used to download programs and debug |

Size FE4070C



Panel Cutout (W*H): 192*138

Contact Us

Shanghai (R&D Center)

Address Floor 11, Block B, INNO Center,
No.298, Guoxia Road,
Yangpu District, Shanghai

Telephone +86-21-68683993

Fax +86-21-65107569

Suzhou

Address Room 915, Ricky Building
No.668, Yuting Avenue,
Suzhou Industrial Park

Telephone +86-512-69833996

Shenzhen (Factory)

Address 5 th Floor, NO.2 Building, Lanyun
Science Park, Tangtou Road,
Shiyan Town, Baoan District,
Shenzhen, China

Telephone +86-755-27610682

Fax +86-755-27629895

Wuxi

Address Room 1603, Taihu Mingzhu
Development Building, NO.1890
Taihu West Road, Binhu Distric,
Wuxi City

Telephone +86-18505101982

Beijing

Address Room 2008, Building 1,NO.93
Jianguo Road,
Chaoyang District,
Beijing (Wanda Plaza),China.

Telephone +86-10-58204608

Fax +86-10-58204608

Hangzhou

Address Floor 1, Unit LEO, Block 5,
Singapore Science Park,
Road 6th, Xiasha Economic
Development Zone, Hangzhou