FE3370C

Flexem Automation Co., Ltd. · FE3300 Series

FEATURES

7-inch 16:9 widescreen resistive-touch HMI in the Flexem FE3300 series with three serial ports and USB download.

Hardware

CPU:
1 GHz dual-core Cortex-A7

Memory:
128 MB Flash + 128 MB DDR3

Real-time clock:
Built-in

Programming software:
FStudio

Screen

Display:
7" 16:9 TFT LCD

Resolution:
800×480

Colors:
16-bit

www.autronexa.com

Brightness:
250 cd/m² typical

Viewing angles (T/B/L/R):
50°/70°/70°/70°

Touch panel:
4-wire industrial resistive touchscreen

Backlight:
LED

LCD lifetime:
50,000 hours

Communication

Built-in serial:
COM1 (RS232/RS485/RS422), COM2 (RS485), COM3 (RS232)

Ethernet:
None

USB:
1× Type-C OTG, 1× USB Type A

SD card slot:
Not supported

Bluetooth:
Not supported

Protocols:
Not published in official datasheet

Program download:
USB slave / USB flash drive

I/O

Electrical

Supply voltage:
DC 24 V nominal, operating range DC 9–28 V

Power consumption:
<10 W maximum

Power protection:
Lightning surge protection

Power interruption tolerance:
<5 ms

EMC:
EN61000-6-2:2019, EN61000-6-4:2019, RoHS; lightning surge ±1 kV, group pulse ±2 kV; electrostatic contact 4 kV, air discharge 8 kV

Environmental

Operating temperature:
0 to 50 °C

Storage temperature:
-20 to 60 °C

Relative humidity:
10 to 90 %RH (non-condensing)

Protection rating:
Front IP65 (flush panel cabinet installation), rear IP20

Vibration endurance:
10–25 Hz (X/Y/Z direction, 2G/30 min)

UV resistance:
Operating in high UV environment is prohibited

www.autronexa.com

Physical

Dimensions (H×W×D):
145×204×34 mm (converted from official W×H×D)

Panel cutout (W×H):
190×136 mm

Weight:
~0.476 kg (supplier-reported)

Enclosure:
Engineering plastic, light gray

Installation:
Panel mount

Lifecycle

Current Flexem FE3300 series product line; official Flexem product page active as of 2026-09 (Last verified: 2026-09)