

FE7070WE-32MRP



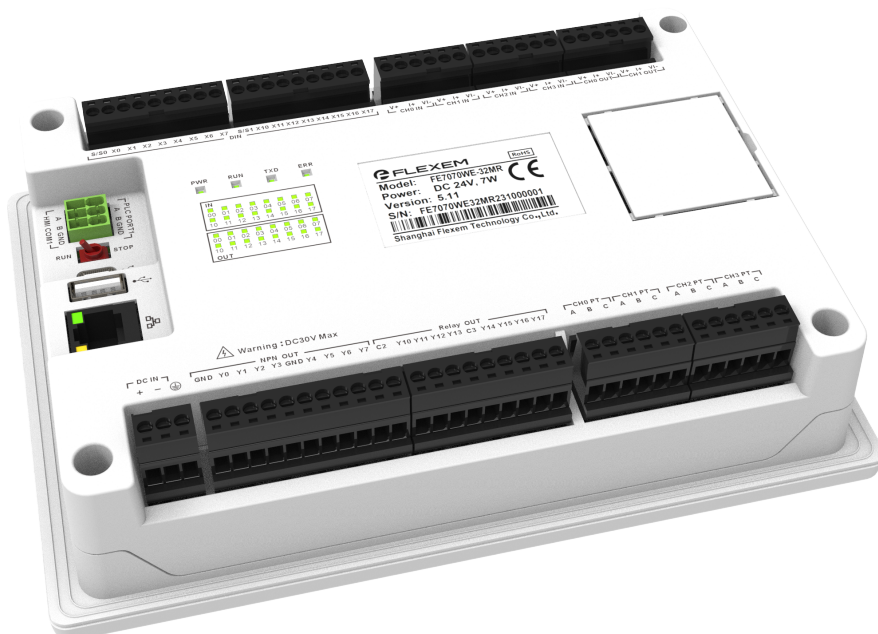
Product Specification

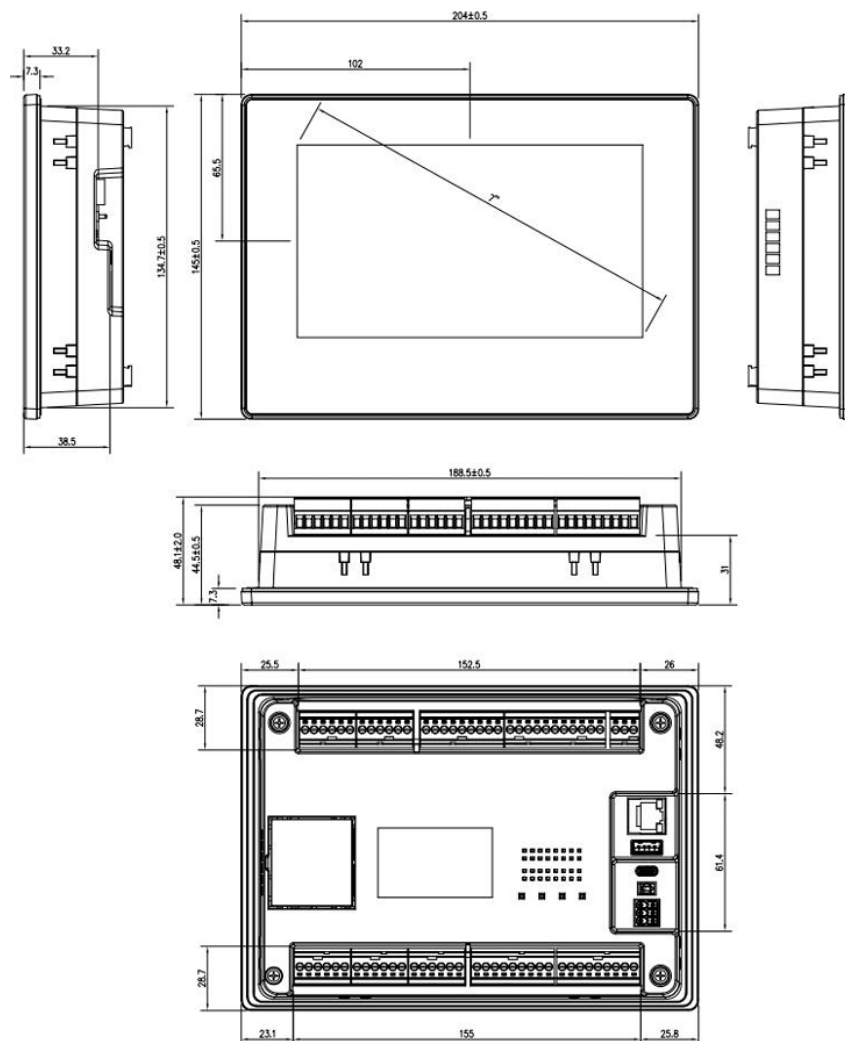
Touch	Resistivo 4 fili
Feature	HiRes HMI + PLC integrato
Performance	-
Inch	7,0"
Form Factor	16:9
Display	TFT LCD
Resolution	1024 x 600
Colors	24bit
LCD view angles (T/B/L/R)	85°/85°/85°/85°
Brightness	350cd/m ²
Backlight	LED
Display life	50000h
CPU	ARM Cortex-A7 dual-core 1GHz (HMI) + Cortex-M3 (PLC)
RAM	128MB DDR3
Storage	4GB eMMC
Battery backup Memory	4KB Retentive memory
RTC	Integrato
SD card	-
Ethernet	1x 10/100Mb/s RJ45
USB Host	USB Type A 2.0
Programming port	USB Type C 2.0

COM 1	RS485
COM 2	-
COM 3	-
COM 4	-
COM 5	-
Power Supply	18 - 30 Vdc (nominale 24V)
Power Consumption	< 10W
Storage Temperature	-20 ~ 60 °C
Operating Temperature	0 ~ 50 °C
Relative Humidity	10 - 90%RH (non-condensante)
Vibration	10 - 25Hz (X/Y/Z 2G/30min)
Protection Degree (Front)	IP65
Protection Degree (Back)	IP20
Lightning	±1KV (lightning/surge), ±2KV (group pulse), 4KV (contact ESD), 8KV (air discharge)
Case Material	Plastica tecnica (Engineering Plastics)
Mounting	Panel-Mount
Cutout	190 x 136mm
Dimension	204 x 145 x 48mm
Weight	circa 750g
CE	EN61000-6-2:2005, EN61000-6-4:2007
RoHS	Compliant
UL	UL 61010-1, UL 61010-2-201
PLC CPU	ARM Cortex-M3 32-bit

Digital Inputs	16 canali
Digital Outputs	8 transistor + 8 relè
Analog Inputs	4 canali (4-20mA / 0-10V, 16 bit, isolati)
Analog Outputs	2 canali (4-20mA / 0-10V, 12 bit, isolati)
PT100 Inputs	4 canali (3 fili, isolati)
User Program Memory	150 KB
Retentive Memory	4 KB
COM 1 PLC	RS485
Timers	256 (206x100ms, 46x10ms, 4x1ms)
Counters	235
High-Speed Interrupts	X0~X4 edge + 3 timer interrupt
Program Execution Mode	Cyclic Scan
Execution Speed	0.1µs (standard), 5µs ON / 0.5µs OFF (funzioni)
Programming Language	Ladder + C Standard (ibrido)
PLC COM	RS485 (isolato, Modbus RTU / Mitsubishi FX2N)
PLC Programming Port	USB Type-C
PLC Software	FlexLogic
HMI Software	FStudio
Cooling	Ventilazione naturale







Flush-mounted installation cutout dimensions:190*136(+1.0mm/-0.5mm)