

UniOP eTOP05

The eTOP05 is a state-of-the-art HMI device featuring a touchscreen interface and a 5.6" graphic display with LED backlighting. The metal bezel offers a rugged and convenient flat design and an appealing look.

Highlights

- **5.6" diagonal graphic display**
- **Monochrome display with long-life white LED backlight**
- **¼ VGA (320x240 pixels) resolution**
- **Resistive touchscreen**
- **Connection to industrial bus systems and Ethernet (requires plug-in modules)**
- **Large memory size (8 MB Flash) on removable media**
- **IP65 front panel protection**
- **Programmable with UniOP Designer version 5.08**



The eTOP HMI panels are part of the eTOUCH family of touchscreen products. All of the eTOUCH products support the rich common functionality of the UniOP operator panels:

- Powerful and intuitive programming with the UniOP Designer software
- Support of more than 130 communication drivers for industrial devices
- Optional plug-in modules for connection to industrial fieldbus systems (Profibus DP, DeviceNet, Interbus, CANopen) and Ethernet
- Display data in numerical, text and bargraph format
- Dynamic graphic objects
- Data acquisition and trend presentation
- Analog gauges
- Recipe data storage
- Keyboard/Touch macro editor
- Alarms and historical alarm list
- Eight level password protection
- Report printing to serial printer

Technical Data

eTOP05	Display Monochrome LCD	Colors -	Backlight White LED	Lifetime 50000 h
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Display Graphic resolution Active display area Rows/columns Character height Scalable fonts User definable characters Contrast regulation	320x240 pixels 121x91 mm (5.6" diagonal) 16x40 - Yes 256 Software with temperature compensation
Memory User memory User memory expansion	8 MB on SSFDC memory card -
Front panel Function keys System keys Touch screen User LED's System LED's	- - Resistive (guaranteed 3 M operations) - 5
Connections PC/Printer port PLC port Aux port (fieldbus and Ethernet connection) External keyboard port Programming speed	Yes RS-232, RS-485, RS-422, 20 mA CL Yes, with optional modules No 9600 - 38400 bps
Functionality Number of variables per page Recipe memory Data acquisition and trends UniNet network Alarms Event list Alarm info page Password Battery Hardware RTC Screen saver Buzzer Power supply voltage Max power consumption Fuse	Unlimited 32 KB Yes Client/Server 1024 1024 Yes Yes Yes Yes, battery backed Yes No 18 - 30 VDC ~ 600 mA at 24 VDC Automatic

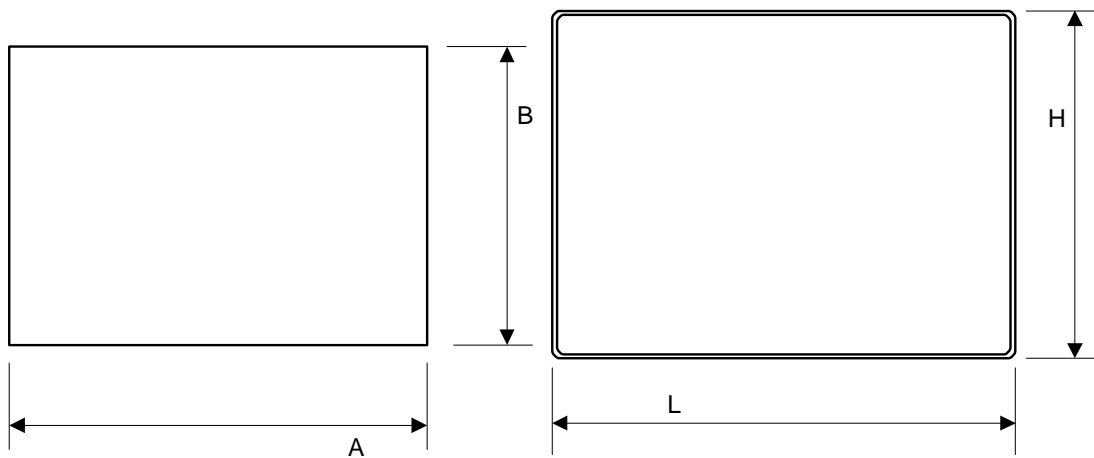
Weight	~ 1.4 Kg
Operating temperature	0 to 50 °C
Storage temperature	-20 to +70 °C
Operating and storage humidity	5 - 85 % RH non-condensing
Protection class	IP65 (front panel)

The product is designed for installation in an industrial environment in compliance with the regulations:

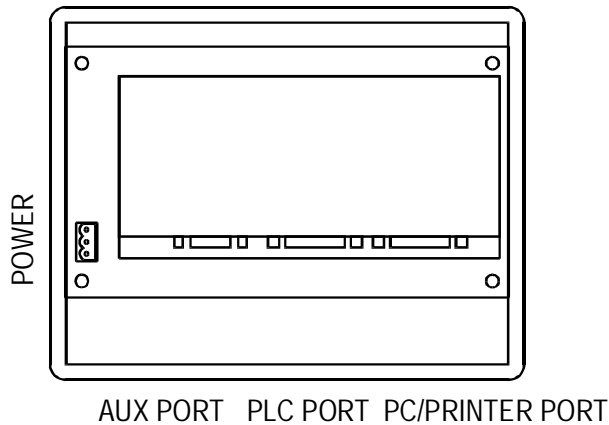
Emitted interference EN 50081-2, 1993
 Noise immunity EN 61000-6-2, 2000

Front Dimensions and Cutout

Faceplate LxH	187x147 mm	7.36x5.79"
Cutout AxB	176x136 mm	6.93x5.35"
Cutout depth (version -0045)	79 mm	3.12"
Max thickness of mounting plate	5 mm	0.2"



Connections



Indicators

There are several dedicated LED indicators on the front panel of the unit. Functions are described in the table below.

A customizable legend strip is included.



Elements not listed in this chapter are reserved for future use.

LED	Color	Status	Meaning
	red	OFF	No hardware problem detected
		BLINK	Battery low
		ON	Hardware fault
	green	OFF	No touch cell active
		ON	While any touch cell is active (visual feedback)
	green	OFF	Hardware fault
		ON	Unit in operation
	green	BLINK	Communication error
		ON	Communication OK
	red	OFF	No alarms
		BLINK	Alarm requires acknowledgment
		ON	Alarm active
	green		May be user controlled as LED number 65 using the Macro Editor. Turns ON when recipe/event backup is being performed.

The service area at the top of the product includes also two buttons.

Button	Description
	User programmable with the Keyboard Macro Editor. Not available in RDA. Designer 5.08 SP7 or higher is required.
	Reserved for future use

Ordering Information

| eTOP05-0045

Entry-level 5.6" monochrome panel with touchscreen

Tn170

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