B.T. 07.15 OP/E US

Industrial Operator Panel
10.4” touch screen
OPMT 8104XH

- 10.4” color graphic display
- 65,536 color TFT LCD display
- Fan-less cooling system
- AMD Geode™ LX800/500MHz core processor
- Built in Real Time Clock (RTC)
- LED backlight
- Super VGA (800 x 600 pixels) resolution
- 4 wire analog resistive touch screen
- Connection to industrial bus systems (over 100 drivers)
- 256 MB DRAM user memory / 512 MB flash memory on board
- NEMA4 / IP65 front panel protection
- Programmable with Easy Builder 8000 software
- Display data in alphanumeric and graphic formats
- Dynamic graphic objects (bar graphs, gauges, XY plot, etc..)
- Data acquisition and trend presentation
- Recipe management and storage
- Alarms and historical alarm list
- Up to 12 levels of password protection
- 2 USB 2.0 high speed ports
- Ethernet port (10/100 baseT)
- SD card slot
- Audio: 1 audio line out, 1 microphone line in
- CE / RoHS certifications



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Technical Data

Display	
Type	65536 color TFT
Graphic resolution	SVGA, 800 x 600 pixels
Active display area	10.4" diagonal
Backlight	LED
Brightness	400 cd/m²
Contrast ratio	400 : 1
Backlight life time	30000 hours

Memory	
User memory	256 MB on board
Storage memory	512 MB Flash on board
Memory expansion	1 Secure Digital card slot

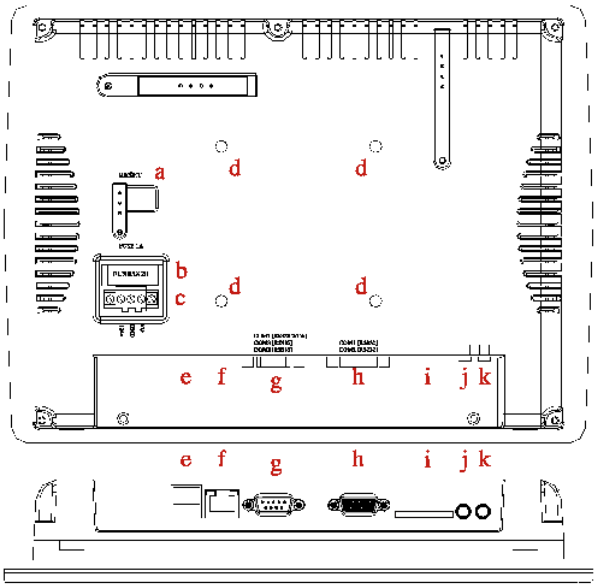
Interfaces	
Com1 port	RS232/RS485, 2 or 4 wires
Com2 port	RS232
Com3 port	RS232/RS485, 2 wires
Ethernet port	10/100 Base-T
USB port	2 USB 2.0 high speed

Functionality		
Data acquisition and trends	Standard	
Recipe memory	2 x 256 kB	
Alarms	65536	
Event list	65536	
Password	Standard, 12 levels	
Hardware RTC	Standard, battery backed-up	
Screen saver	Standard	
Buzzer	Standard (audible feedback for touch screen)	
Power supply voltage	24 Vdc ±10% (polarity sensitive)	
Max. power consumption	~ 1.25 A	
Fuse	2.6 A	
Weight	~ 1.6 kg	(3.53 lb)
Operating temperature	0...45 °C	(32...11°F)
Operating and storage humidity	10...90 % RH non-condensing	
Protection class	NEMA4 / IP65 (front panel)	

Product designed for installation in an industrial environment
in compliance with the following regulations:
EMI: FCC class A
CE: EN50081-2, EN50082-2

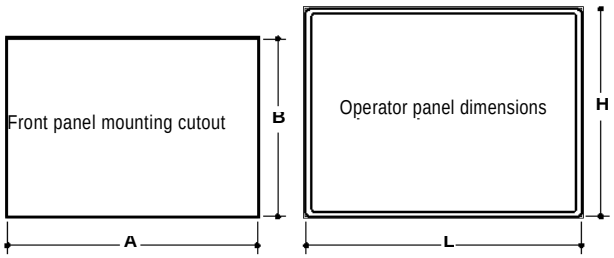
Connections/Dimensions

Connections



a. Reset button
b. Fuse
c. Power terminals
d. VESA 75mm screw holes
e. 2 USB 2.0 high
h. Com1 [RS-485] 2/4 wires
Com3 [RS-232/RS-485]
i. Com1 RS232, Com2 RS232
j. SD CARD SLOT
k. Microphone In
l. Audio Line Out

Cutout and front view		
Panel dimensions L x H	286 x 212 mm	11.27 x 8.38"
Cutout A x B	259 x 201 mm	10.20 x 7.91"
Cutout depth (type - 0045)	50 mm	1.96"
Max. panel thickness	5 mm	0.2"



Ordering Code

OPMT-8104XH

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