

5.7" PanelStation HMI - QPM-3D200-B2P



Features:

- 5.7" Blue/White Monochrome LCD
- Serial communication interfaces

Performance Specifications

Model		QPM-3D200-B2P
Display	Type	5.7" Blue/White Monochrome LCD
	Display Attributes	Blink/Reverse Video
	Backlight	CCFL (lifespan of 25,000 hours, at normal temperature and humidity)
	Resolution	320 x 240 pixels (QVGA)
	Effective Display Area (mm)	115.2(W) x 86.4 (H)
	Contrast Control	8 levels via touch panel
	Touch Panel	16 x 12 keys per screen; 1 or 2 point touch
Memory	Application	1MB FLASH EPROM (holds up to 320 screens, assuming an average screen size of 3.2 KB)
	Data Backup	96KB SRAM (with lithium backup battery)
Fonts	Language Fonts	ASCII: (Code Page850) Alphanumeric (including European fonts) Chinese: (GB2312-80 codes) simplified Chinese fonts Japanese: ANK 158 type, Kanji: 6349 (includes non-kanji: 453, and Standard JIS Type 1 and 2) Korean: (KSC5601-1992 codes) Hangul fonts Taiwanese: (Big 5 codes) traditional Chinese fonts
	Text	8 x 8 dot font: 40 Char. per row, 30 rows 8 x 16 dot font: 40 Char. per row, 15 rows 16 x 16 dot font: 20 Char. per row, 15 rows 32 x 32 dot or larger font: 10 Char. per row, 7 rows
	Font Sizes	1, 2, 4, or 8-time sizes (both height and width) (Double size and larger characters can be displayed in high-quality fonts)

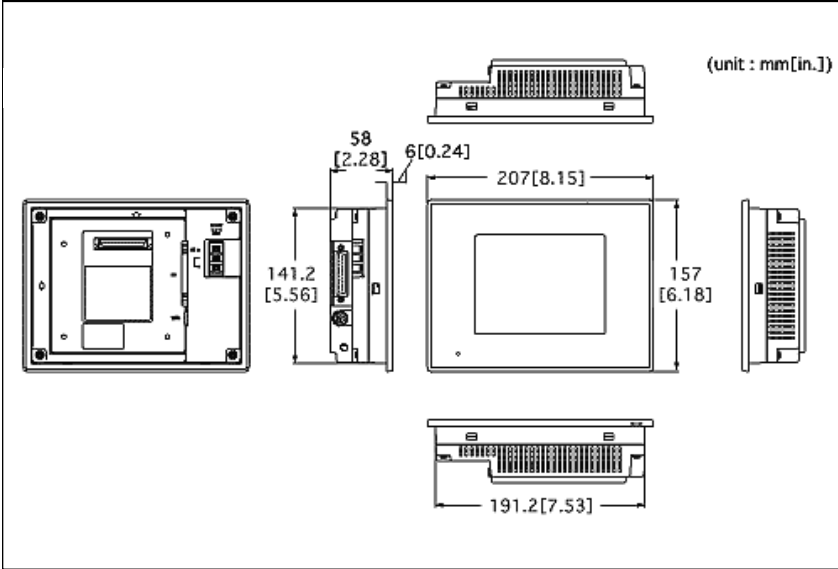
General Specifications

Model		Q[PM-3D200-B2P
Electrical	Input Voltage	24V DC
	Rated Voltage	DC20.4V to DC27.6V
	Power Consumption	Under 20W (TYP 10W)
	Allowable Voltage Drop	2ms or less
	Voltage Endurance	1000VAC at 10 mA for 1 minute (between live wire and grounding terminals)
	Insulation Resistance	Above 100M ohm at 500VDC (between live wire and grounding terminals)
Environmental	Ambient Operating Temp.	0°C (32°F) to 50°C (122°F)
	Storage Temperature	-20°C (-4°F) to 60°C (140°F)
	Humidity	20%RH to 85%RH (no condensation)
	Vibration Resistance	10 Hz to 25 Hz (X,Y,Z directions for 30 minutes at 19.6ms ²)
	Noise Endurance (Via noise simulator)	Noise Voltage: 1000 Vp-p Pulse length: 1 microsecond Arise time (rise/fall): 1 nanosecond
	Corrosive Gasses	Free of corrosive gasses
Structural	Grounding	100ohm or less, or your country's applicable standard *1
	Ratings	Equivalent to IP65f *2, Nema #250 Type 4/4x/12
	Certifications	EN55011-A Class A, EN50082-2 UL/c-UL 1950, CNS Standard
	External Dimensions	W207mm[8.15in] x H157mm[6.18in]x D58mm[2.28in]
	Panel Cut-out Dimensions	191.5 mm[7.54 in]x 141.5 mm[5.57in] (Panel thickness:1.6mm[0.06in] to 5mm[0.20in])
	Weight	Under 1.1kg [2.4 lb] (GP unit only)
	Warranty	Two year standard

*1 Grounding requirements differ from country to country. Be sure to confirm your work environment requirements prior to installation. For more information, please contact your local Pro-face distributor.

*2 The degree of protection provided by these products is equivalent to IP65f, however their performance cannot be guaranteed for every environment. Be sure to confirm your work environment requirements prior to installation.

Dimensions



Ordering Information

Part Number	Description
QPM-2D100-B2P	5.7" Blue/White Monochrome, 1 Serial Port, 24VDC

Optional Items

Part Number	Product Name
HMI-CAB-C52	Communication cable - PanelStation to SLC RS-232C 9-pin D-sub port
HMI-CAB-C83	Communication cable - PanelStation to SLC DH485 Program Port via 8 pin RJ45 modular phone connector
HMI-CAB-C84	Communication cable - PanelStation to SLC DH485 Program Port via 8 pin RJ45 modular phone connector plus includes 8 pin socket modular phone connector, 6 ft.
HMI-CAB-C106	Communication cable - PanelStation to Micrologix RS-232C 8-pin circular DIN port
HMI-CAB-C53	Communication cable - PanelStation to Modicon 984 RS-232C port via 25 pin D-Sub
HMI-CAB-C105	Printer cable, PanelStation tool port to 9pin female connector, RS-232C, 10 Ft.
GP37W2-DF00	5.7" Touch Screen Protection Sheet (Qty 5) for QPM units
QDA-EDT-001	QuickDesigner 3.7 Software w/ GPW-CB02 RS-232C programming cable (Not supported on Windows XP or Vista Operating Systems)
QDA-EDT-001/L	QuickDesigner 3.7 Software - no programming cable (Not supported on Windows XP or Vista Operating Systems)
GPW-CB02	RS-232C Programming Cable
GP070-AT01	Mounting Fasteners
GP37W2-WP00-MS	Installation Gasket

Caution: Before operating any of these products, please be sure to read all related manuals thoroughly.
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For cutout compatible units refer to Pro-face's PanelStation Migration Guide:
<http://www.profaceamerica.com/cms/site/6cc4edaf95cbe432/index.html>

Accessories



Software



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QUICKDESIGNER™
 HMI Development Software
 (Version 3.7)

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Your HMI and Industrial PC Authority



California Proposition 65 Warning—Lead and Lead Compounds

Advertencia de la Proposición 65 de California—Plomo y compuestos de plomo

Avertissement concernant la Proposition 65 de Californie—Plomb et composés de plomb

⚠ WARNING: This product can expose you to chemicals including lead and lead compounds, which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to:
www.P65Warnings.ca.gov.

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