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Module Type Graphic Operator Interfaces

GP4000M SERIES Specifications


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* les références des GP4000M sont identiques aux références globales.

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Caractéristiques du GP-4201TM

Série GP4000M

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GP-4201TM

Modèle: PFXGM4201TAD

[High Definition LCD](#)
[Analog Touch Panel](#)
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TFT Color LCD (65.536 Couleurs) / Résolution: QVGA

[Données graphiques \(DXF\)](#)
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Spécifications Fonctionnelles

Type écran	TFT Color LCD	
Taille écran	3.5"	
Résolution	320 x 240 pixels (QVGA)	
Taille réelle d'affichage	W70.56 x H52.92 mm (W2.78 x H2.08 in.)	
Couleurs écran	65,536 colors	
Rétro-éclairage	White LED (When replacement is required,contact your local GP distributor)	
Contrôle de luminosité	16 Levels (Adjusted with the touch panel or the software)	
Durée de vie du rétro-éclairage	50,000 hrs. or more (continuous operation at 25°C (77°F) before backlight brightness decreases to 50%)	
Polices (langues)	Japanese: 6,962 (JIS Standards 1 & 2) (including 607 non-kanji characters) ANK: 158 (Korean, Traditional Chinese and Simplified Chinese fonts are downloadable.	
Taille des caractères	Standard font: 8 x 8, 8 x 16, 16 x 16 and 32 x 32 pixel fonts Stroke font: 6 to 127 pixel fonts Image font: 8 to 72 pixel fonts	
Taille des polices	Standard font: Width can be expanded up to 8 times. Height can be expanded up to 8times.*1	
Texte	8 x 8 pixels	40 characters x 30 rows
	8 x 16 pixels	40 character x 15 rows
	16 x 16 pixels	20 character x 15 rows
	32 x 32 pixels	10 character x 7 rows
Mémoire application	FLASH EPROM 8 MB*2	
Sauvegarde de données	Equivalent to 128KB*3	
Précision horloge	Uses the clock of an external device*4	
Type de dalle tactile	Resistive Film (analog)	
Durée de vie dalle tactile	1,000,000 times or more	
Interface	Port série (COM1)	RS-232C/422/485, Asynchronous Transmission, Data Length: 7 or 8 bit, Parity: none, Even or Odd, Stop Bit: 1 or 2 bit, Data Transmission Speed: 2,400 to 115,200bps, 187,500 bps, Connector: D-Sub9 (plug)

Ethernet (LAN)	IEEE802.3i/ IEEE802.3u, 10BASE-T/100BASE-TX Connector: Modular jack (RJ-45) x 1
USB (TYPE-A)	USB2.0, Connector : Type A x 1, Power Supply Voltage : DC5V±5%, Maximum Transmission Distance : 3m (9.84 ft.) or less
USB (mini-B)	USB2.0, Connector : mini-B x 1, Power Supply Voltage : DC5V±5%, Maximum Transmission Distance : 5m (16.40 ft.) or less

*1 Please refer to the GP-Pro EX Reference Manual for details on font types and character codes.






*2 Capacity available for user application. The capacity depends on how many fonts you load from Editor software.

*3 Application memory can provide 128KB for Data Backup. For further information, please refer to the [GP-Pro EX reference manual](#).

*4 Set up the "Clock Updates" feature with the Editor software. Please refer to the GP-Pro EX Reference Manual "Common" - "Clock Update Settings" for details.

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Spécifications Techniques générales

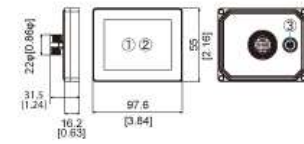
Normes de sécurité internationales	    
Plage de tension nominale	DC24V
Plage de tension en entrée	DC20.4 to 28.8V
Variation de tension admise	10ms or less
Consommation électrique	6.5W or less
Courant d'appel	30A or less
Tenue aux variations de tension	1,000 Vac 20 mA for 1 min (between charging and FG terminals)
Resistance d'isolement	500 Vdc, 10 MΩ or more (between charging and FG terminals)
Température ambiante	0 to 50 °C (32 to 122 °F)
Température (stockage)	-20 to 60 °C (-4 to 140 °F)
Humidité ambiante	85% RH (Wet bulb temperature: 39 °C (102.2 °F) or less - no condensation.)
Humidité (stockage)	85% RH (Wet bulb temperature: 39 °C (102.2 °F) or less - no condensation.)
Poussière	0.1mg/m ³ (10 ⁻⁷ oz/ft ³) or less (non-conductive levels)
Degré de pollution	For use in Pollution Degree 2 environment
Atmosphère	Free of corrosive gases
Pression d'air (plage d'altitude)	800 to 1,114hPa (2,000 m (6,561 ft) or lower)
Tenue aux vibrations	IEC/EN61131-2 compliant, 5 to 9 Hz Single amplitude 3.5 mm [0.14 in.], 9 to 150 Hz Fixed acceleration: 9.8 m/s ² , X, Y, Z directions for 10 cycles (100 min)
Immunité au bruit	Noise voltage: 1,000Vp-p Pulse width: 1μs Rising time: 1ns Electrostatic Disc
Tenue aux décharges électrostatiques	6 kV direct contact, 8 kV air contact
Mise à la masse	Functional grounding: Grounding resistance of 100Ω, 2mm ² (AWG 14) or thicker wire, or your country's applicable standard.
Structure	NEMA#250 TYPE 4X (indoor, installed in an enclosure) Display module: IP 65f (IEC60529) Rear module: IP 20 (IEC 60529)
Méthode de refroidissement	Natural air circulation
Poids	0.36 kg (0.79 lb.) or less (main unit only)

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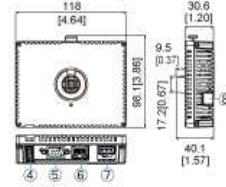
Dimensions externes / Interfaces / Découpes armoire

<External Dimensions & Parts Names>

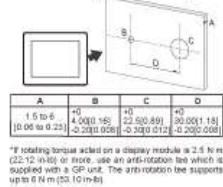
Display Module GP-4201TM



Rear Module (for all GP units)



Panel Cut-out (for all GP units)



Parts Names

- ① Display
- ② Touch panel
- ③ Anti-rotation tee
- ④ USB (Type A) interface connector
- ⑤ Serial I/F (host I/F)
- ⑥ Ethernet interface (LAN)
- ⑦ Power Plug Connector
- ⑧ USB (mini B) interface connector

[Zoom](#)

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Recherche