

5.7" Touch Screen Operator Interface



5.74-inch TFT Color
Touch Screen Operator Interface

GP-4301TW

Model: PFXGP4301TADW

DC 24V

QVGA

5.7 -inch

Ethernet

Powered by

Screen Editor
GP-Pro EX

UL LISTED US CE Ro

Features:

- 65,536 Colors, Clear, Bright, High-Resolution TFT Display
- Energy Efficient LED Display
- No Grid Analog Touch Panel for Improved Visibility and Precise Part Placement
- Supports Up to Two Protocol Drivers Simultaneously
- High Speed Application Transfer, 10 Times Faster than Conventional Operator Interfaces
- 10/100 Base-T Ethernet, USB, and Serial Communication Interfaces
- High-Definition Part Images and Multi-Language Support

Specifications

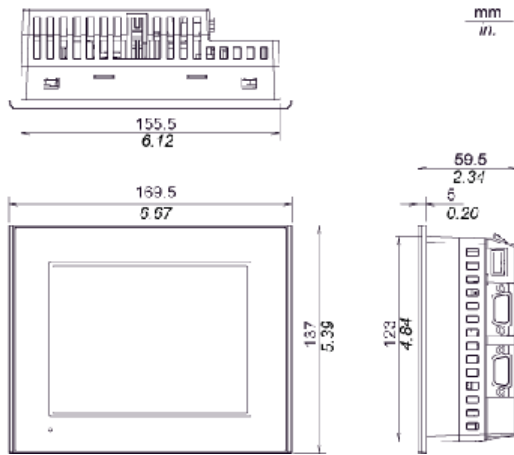
Model	PFXGP4301TADW
Graphics Display Resolution	320 x 240 pixels (QVGA)
Display Type and Size	TFT Color LCD (5.7 inch)
Display Colors	65,536 Colors (no blink), 16,384 (blink)
Display Area	W115.2 x H86.4 mm [W4.54 x H3.40 in.]
Touch Screen	Resistive film analog 1024 x 1024 resolution
USB	USB Type-A (2.0) x 1 , USB mini-B (2.0) x1
Serial	COM1: RS-232C Asynchronous Transmission Data Length: 7 or 8 bits, Parity: None, Odd or Even, Stop Bit: 1 or 2 bits, Data Transmission Speed: 2,400 bps to 115.2 kbps, Connector: D-Sub9 (plug) COM 2: RS-422/485 Asynchronous Transmission Data Length: 7 or 8 bits, Parity: None, Even or Odd Stop Bit: 1 or 2 bits, Data Transmission Speed: 2,400 bps to 115.2 kbps, 187.5kbps (MPI) Connector: D-Sub9 (plug)
Ethernet	IEEE802.3/IEEE802.3u, 10BASE-T/100BASE-TX Connector: Modular jack (RJ-45) x 1
Backlight	White LED (User nonreplaceable parts. When replacement is required, contact your local distributor.
Brightness and Contrast Controls	8 levels of adjustment available via touch panel
Programming Memory	8MB FEPRM (GP-Pro EX V3.0 or later)
Backup Memory	128kb SRAM with battery backup

General Specifications

Model	PFXGP4301TADW
Input Voltage	Rated DC24V (Limits DC19.2 to 28.8V)
Power Consumption	10.5 W or less
Ambient Operating Temp.	0°C (32°F) to 50°C (122°F)
Storage Temperature	-20 to 60 °C [-4 to 140 °F]
Altitude Endurance	800hPa to 1114hPa (2000 meters or lower)
Certifications	CE, UL Listed Cl 1 Div 2 (Cl 1 Div 2 is only available on Rev. C units), RoHS, ABS (American Bureau of Shipping), DNV (Norway – Marine)
Humidity - Ambient/Storage	10 to 90 % RH (Wet bulb temperature: 39 °C [102.2 °F] or less - no condensation.)
Noise Immunity	Noise Voltage: 1,000 Vp-p, Pulse Duration: 1 μs, Rise Time: 1 ns (via noise simulator)
Cooling Method	Natural air circulation
Electrostatic Discharge Immunity	Contact Discharge Method: 6 kV (IEC/EN61000-4-2 Level 3)
Vibration Resistance	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/s², X, Y, Z directions for 10 cycles (approx. 100 min)
Shock during operation	IEC/EN61131-2 compliant 147 m/s², X, Y, Z directions for 3 times
Rating	Equivalent to IP65f, Nema #250 Type 4x/13 (Equivalent to NEMA 12 with the addition of "Oil or Spraying and Splashing") when properly installed in an enclosure
Weight	0.8 kg [1.8 lb] or less (display unit only)
External Dimensions	W169.5 x H137 x D59.5 mm [W6.67 x H5.39 x D2.34 in.]
Warranty	Two-year standard (maximum 4 years)

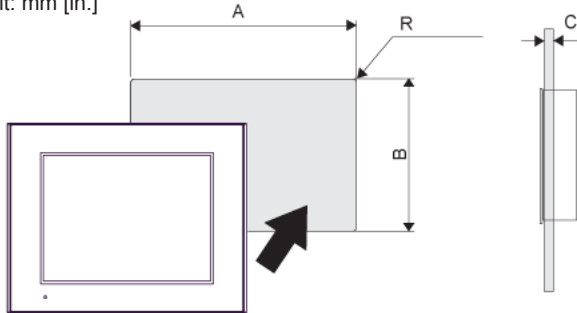
GP-4301T - External Dimensions

Unit: mm [in.]



GP-4301T - Cut-Out Dimensions

Unit: mm [in.]



A	B	C	R
156 mm (+1/-0 mm) (6.14 in [+0.04, -0 in.])	123.5 mm (+1, -0 mm) (4.86 in [+0.04, -0 in.])	1.6...5 mm (0.06...0.2 in.)	3 mm (0.12 in.) maximum

Ordering Information

Part Number	Description
PFXGP4301TADW	GP-4301TW: 5.7" TFT Color Touchscreen (Analog), QVGA, 2x Serial, Ethernet, 2x USB, 24VDC, UL/CE
PFXGP4301TADWC	GP-4301TW: 5.7" TFT Color Touchscreen (Analog), QVGA, 2x Serial, Ethernet, 2x USB, 24VDC, UL/CE, Conformal Coating

Optional Items

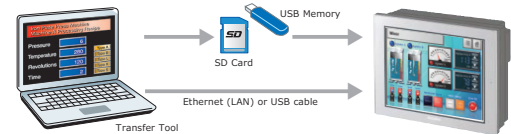
Part Number	Product Name
PFXZCBDS61	Touch Screen Protection Sheet (Qty 5) for 5.7" GP4000
GP-Pro EX (EX-ED-Vx)	Screen and Logic Development Software (ver. 3.x or newer)
PLC Cables & Accessories	See AGP3000 Connectivity Document

Caution: Before operating any of these products, please be sure to read all related manuals thoroughly.

- All product names used in this document are trademarks or registered trademarks of their respective companies.
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Easily Transfer Data

Screen data can be updated by using the data transfer tool, even without a software license.

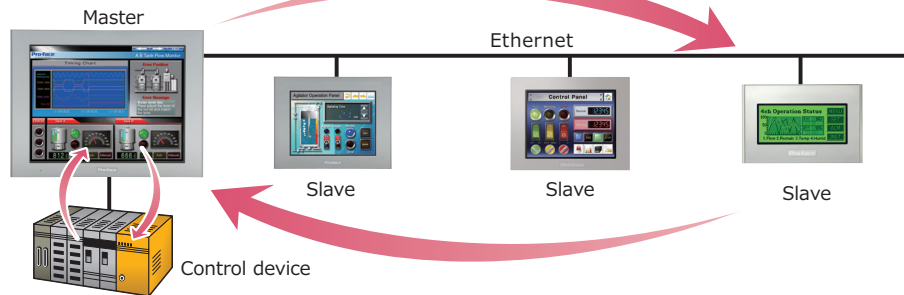


The data transfer tool can be downloaded for free from the Web
<http://www.profaceamerica.com>

Connectivity

Ethernet Multi-Link function

The Ethernet Multi-Link function allows you to easily add a GP as a sub-display to the facility without changing any settings of the control device.



Pro-face America
 Phone: 734.477.0600
 Fax: 734.864.7347
www.profaceamerica.com

Customer Service Hotline: 800.289.9266

For more information

ACCESS www.profaceamerica.com

Pro-face



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.

⚠ ADVERTENCIA: Este producto puede exponerle a químicos incluyendo plomo y compuestos de plomo, que es (son) conocido(s) por el Estado de California como causante(s) de cáncer y defectos de nacimiento u otros daños reproductivos. Para mayor información, visite : www.P65Warnings.ca.gov.

⚠ AVERTISSEMENT: Ce produit peut vous exposer à des agents chimiques, y compris plomb et composés de plomb, identifiés par l'État de Californie comme pouvant causer le cancer et des malformations congénitales ou autres troubles de l'appareil reproducteur. Pour de plus amples informations, prière de consulter: www.P65Warnings.ca.gov.

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