

SP-5600WA Advanced Display

SP5000 SERIES



Features:

- WVGA Display TFT Touch Panel
- 262,144 colors
- 12-24 Vdc input voltage
- 0-60C operating temperature
- Compatible with power or open box modules
- Embedded mounting clips for easy installation
- WVGA provides higher resolution than SVGA

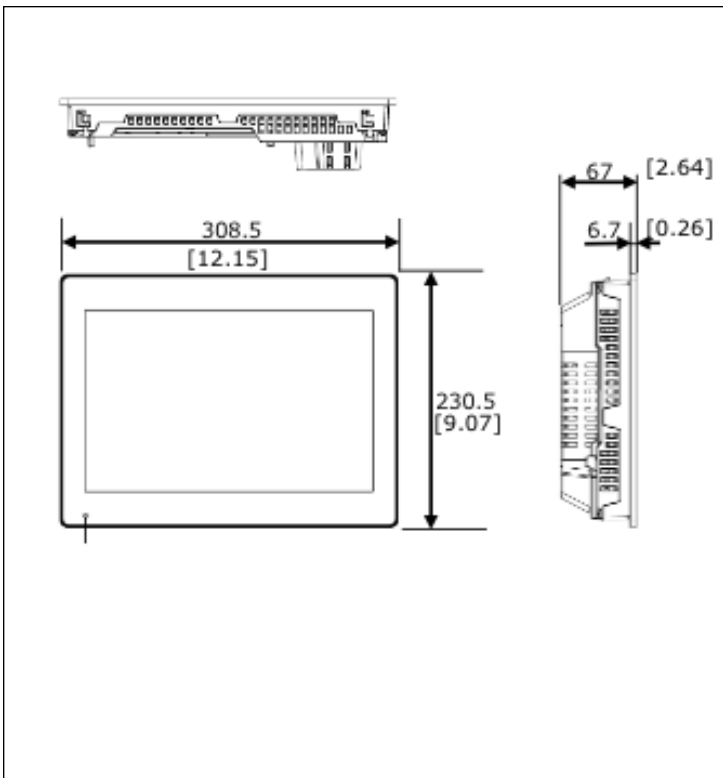
Performance Specifications

Model	SP-5600WA	
Part Number	PFXSP5600WAD	PFXSP5600WADF0C
Graphics Display Resolution	1,280 x 800 pixels (WVGA)	
Display Type and Size	TFT Color LCD 12"	
Display Colors	262,144 colors	
Effective Display Area	W261.1 x H163.2mm (W10.28 x H6.43 in.)	
Touch Screen	Resistive film (analog)	
Backlight	White LED (Not user replaceable. When replacement is required, contact your local distributor.)	
Backlight Service Life	50,000 hours or more (continuous operation at 25 °C [77 °F] before backlight brightness decreases to 50%)	
Brightness	Max.:400cd(Typ)Min.:4cd(Typ) 0...100 (Adjusted with touch panel or software) ^{*1}	
<small>*1 The maximum and minimum brightness Value is the reference Value, because there are individual differences by the liquid crystal.</small>		

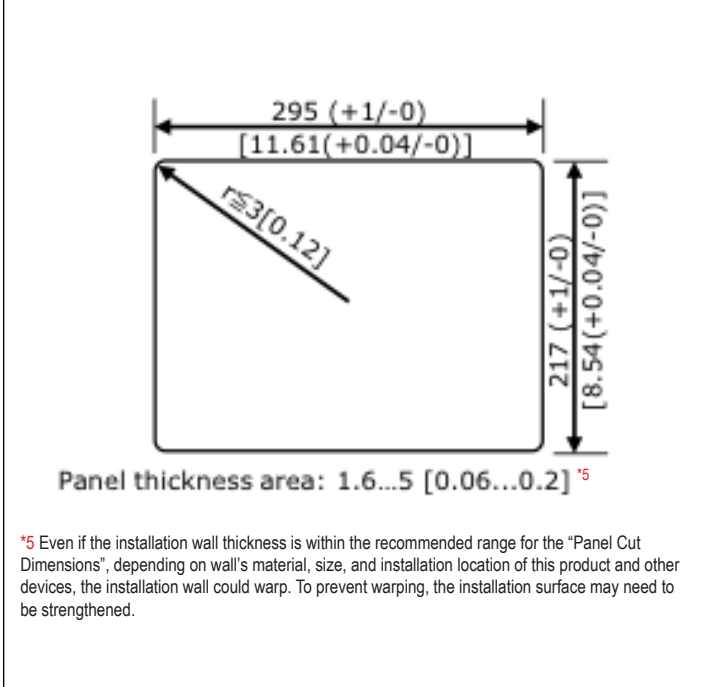
General Specifications

Models	SP-5600WA	
Part Number	PFXSP5600WAD	PFXSP5600WADF0C
Conformal Coating	-	Yes
Input Voltage	12-24 Vdc (limits 10.8 -29.9 Vdc)	
Voltage Drop	12 Vdc: 1.25 ms or less/ 24 Vdc: 5 ms or less	
In-Rush Current	30 A or less	
Voltage Endurance	1,000 Vac, 20 mA for 1 minute (between charging and FG terminals)	
Insulation Resistance	500 Vdc, 10 MQ or more (between charging and FG terminals)	
Power Consumption ^{*1}	11.5W (max), 2.5 or less (When screen turns off the backlight (Standby Mode), 6W or less (when screen backlight 20%)	
Surrounding Air Temperature	0...60 °C [32...140 °F]	
Storage Temperature	-20...60 °C [-4...140 °F]	
Certifications	CE, RoHS, GOST-R, UL/c-UL, KC	
Ratings ^{*2}	IP66F, IP67F, TYPE 4X (Indoor Use Only)/13 (on the front panel when properly installed in an enclosure), ANSI/ISA 12.12.0 1, UL508, EN61000-6-4, EN61000-6-2, Class 1 Div 2 Groups A, B, C, and D	
Surrounding Air and Storage Humidity	10%...90% RH (Non condensing, wet bulb temperature 39 °C [102.2 °F] or less)	
Dust	0.1 mg/m3 (10-7 oz/ft3) or less (non-conductive levels)	
Pollution Degree	For use in Pollution Degree 2 environment	
Corrosive Gas	Free of corrosive gases	
Atmospheric Pressure (Operating Altitude)	800...1,114 hPa (2,000 m [6,561 ft] or lower)	
Vibration and Shock Resistance	IEC/EN 61131-2 compliant	
Electrostatic Discharge Immunity	Contact Discharge Method: 6 kV (IEC/EN 61000-4-2 Level 3)	
Weight ^{*4}	3kg (6.6 lb) or less	
External Dimensions ^{*3}	W308.5 x H230.5 x D67mm (W12.15 x H9.07 x D2.64 in.)	
Panel Cut Dimensions	W295 x H217 mm (W11.61 x H8.54 in.)	

External Dimensions



Panel-Cut Out Dimensions



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

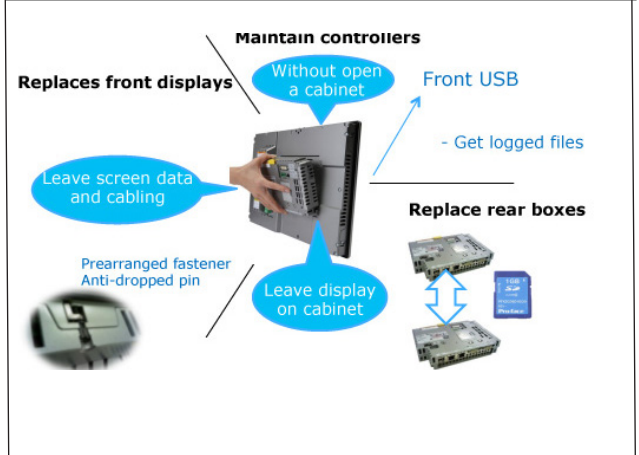
Ordering Information

Type	Model Numbers	Description
SP-5600WA	PFXSP5600WAD	12-inch TFT, 262,144 colors, WVGA 1280 x 800 pixels, Analog Touch Panel,
SP-5600WA Conformal Coating	PFXSP5600WADF0C	12-inch TFT, 262,144 colors, WVGA 1280 x 800 pixels, Analog Touch Panel, with conformal coating

Options

Part Number	Product Name	Description
PFXZCDDS12	12-inch Wide Screen Protection Sheet	Disposable, dirt-resistant sheet for the display (5 sheets/set)
PFXZCDWG12	12-inch Wide Installation Gasket.	Provides dust and moisture resistance when SP is installed into a solid panel (1 piece)

Modular Design and Easy Maintenance



Customer Service Hotline: 800.289.9266

For more information
ACCESS www.profaceamerica.com





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

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