



FP-5700TPD

Model: PFXFP5700TPD

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■ Model Number Configuration

PFXFP5 * 00 T P D
(1) (2)(3)(4)

(1) Size		(2) Resolution		(3) Touch Panel		(4) Power Supply	
7	15"	T	TFT	P	Resistive film (analog, multi-touch)		D DC
6	12"						

■ Replacement Products

Size	E Product Name	Model	End of sales	Power Supply	Replacement Product	model	Power Supply
15"	FP-3710T	FP-3710-T42	24/04/2015	AC	FP-5700TPD	PFXFP5700TPD	DC
		FP3710-T42-U	24/04/2015	DC			
		FP-3710-T42-24V-U	24/04/2015	DC			
		FP3700-T41	28/12/2007	AC			
		FP3710-T41	30/09/2009	AC			
		FP3710-T41-U	30/09/2009	AC			
12"	FP-36x0T	FP3650-T41	24/04/2015	AC	FP-5600TPD	PFXFP5600TPD	DC
		FP3600-T41-24V	24/04/2015	AC			
		FP3600-T11	24/04/2015	DC			
10"	FP-3500T	FP3500-T11	24/04/2015	AC			
		FP3500-T41-24V	24/04/2015	DC			

Contact your local Pro-face distributor when replacement is required.


■ Display Specifications

		FP-5700TPD	FP-5600TPD
Display Type		TFT Color LCD	
Display Size		15"	12"
Resolution		1,024 x 768 pixels (XGA)	
Effective Display Area		W304.1 x H228.1mm (W11.97 x H8.98 in.)	W245.76 x H184.32mm (W9.68 x H7.26 in.)
Display Colors		16 million colors	
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 Control		0...100 (Adjusted with the launcher)	
Touch Panel	Type	Resistive film (analog, multi-touch)	
	Interface	USB 2.0 (Type B) *For the details, see the Interface Specifications.	
	Service Life	1 million times or more	

■ Electrical Specifications

		FP-5700TPD	FP-5600TPD	
Power supply	Rated Input Voltage	12...24 Vdc		
	Input Voltage Limits	10.8...28.8 Vdc		
	Voltage drop	12 Vdc: 2.5 ms or less 24 Vdc: 10 ms or less		
	Power Consumption (Primary Power Supply [including power loss])	Backlight ON: 100% (Power is supplied to external devices)	21W or less	17W or less
		Backlight ON: 100% (Power is not supplied to external devices)	18W or less	14W or less
		Backlight adjusted:20% (Power is not supplied to external devices)	11W or less	9W or less
		Backlight OFF (Power is not supplied to external devices)	8W or less	7W or less
In-rush current	30A or less			
Voltage endurance		1,000 Vac, 20 mA for 1 minute (between charging and FG terminals)		
Insulation resistance		500 Vdc, 10 MΩ or more (between charging and FG terminals)		

■ Environmental Specifications

	FP-5700TPD	FP-5600TPD
International Safety Standards		
Surrounding air temperature	0...60 °C (32...140 °F)	
Storage Temperature	-20...60 °C (-4...140 °F)	
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 Gases	Free of corrosive gases	
Atmospheric Pressure (Operating Altitude)	800...1,114 hPa (2,000 m [6,561 ft] or lower)	
Vibration Resistance	IEC/EN 61131-2 compliant 5...9 Hz single amplitude 3.5 mm (0.14 in) 9...150 Hz fixed acceleration: 9.8 m/S ² X, Y, Z directions for 10 cycles (approx. 100 min.)	
Shock Resistance	IEC/EN 61131-2 compliant 147 m/s ² , X, Y, Z directions for 3 times	
Noise Immunity	Noise voltage: 1,000 Vp-p Pulse duration: 1 µs Rise time: 1 ns (via noise simulator)	
Electrostatic Discharge Immunity	Contact discharge method: 6 kV (IEC/EN 61000-4-2 Level 3)	

■ Interface Specifications

	FP-5700TPD	FP-5600TPD
USB (Type A) Interface	Connector (Front side): USB 2.0 (Type A) x 1 , Power Supply Voltage5 Vdc ±5%, Maximum Current Supplied: 500 mA, Maximum Transmission Distance: 5 m (16.4 ft)	
USB (Type B) Interface	Connector: USB 2.0 (Type B) x 1, Maximum Transmission Distance: 5 m (16.4 ft)	
Video interface	DVI-D: DVI-D input Connector: DVI-D 24pin(socket) x 1 , Maximum Transmission Distance: 5 m (16.4 ft)	
	NOTE: Different formats can be used by using conversion adapters and cables.	

■ Structural Specifications

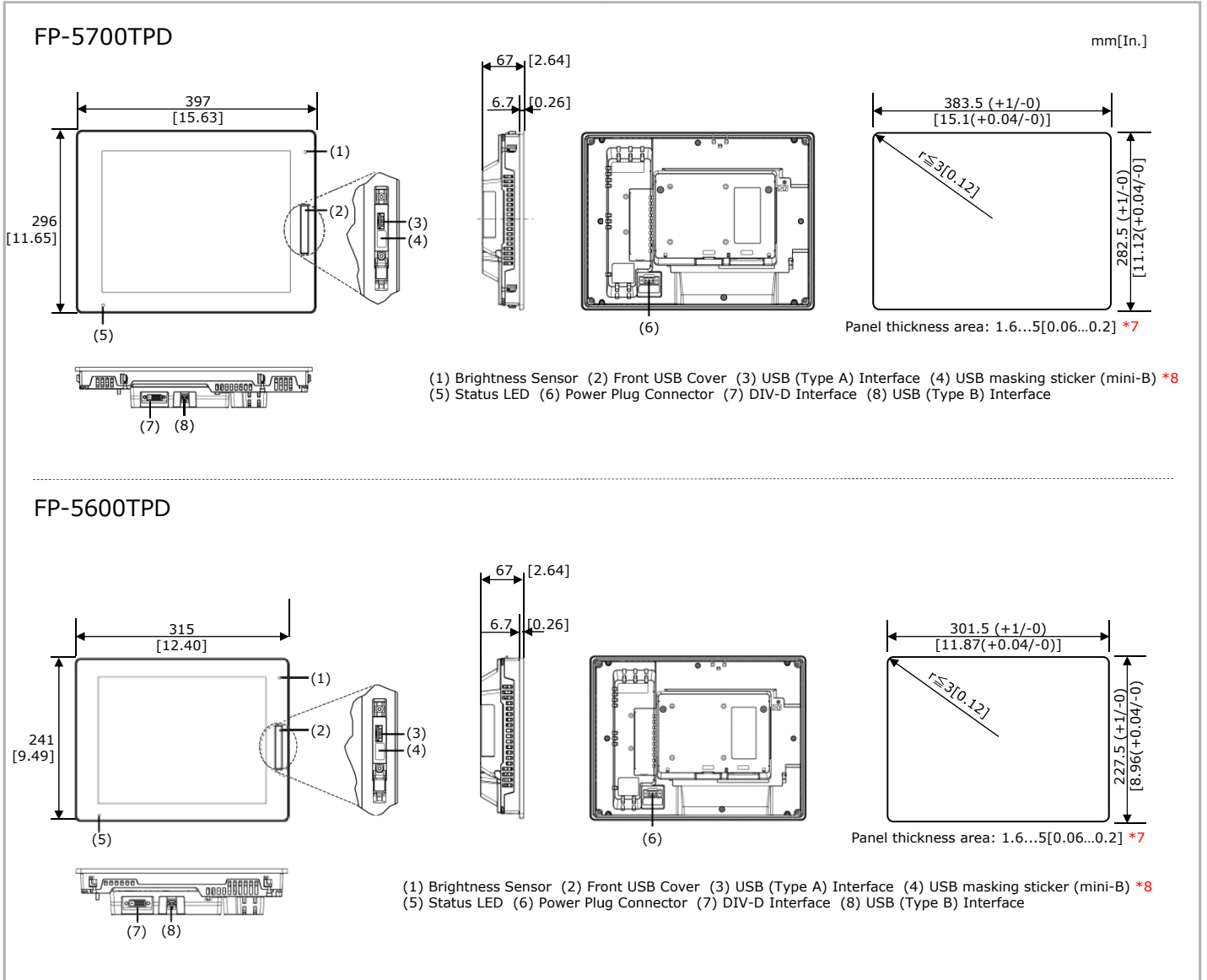
	FP-5700TPD	FP-5600TPD
Grounding	Functional grounding: Grounding resistance of 100 Ω, 2 mm ² (AWG 14) or thicker wire, or your country's applicable standard (same for FG and SG terminals).	
Cooling Method	Natural air circulation	
Structure *1	When using a factory-installed front USB cover: IP65F*, IP67F*, Type 1* When using a front USB cover as an option: IP66F*, IP67F*, Type 1*, Type 4X (Indoor Use Only)*/13* * On the front panel when properly installed in an enclosure and not using the front panel USB port. NOTE: The option is a front USB cover with screw manufactured by Pro-face (Model Number PFXZCDCVUS1).	
External Dimensions	W397 x H296 x D67 mm (W15.6 x H11.7 x D2.64 in.)	W315 x H241 x D67 mm (W12.4 x H9.49 x D2.64 in.)
Panel Cut Dimensions	W383.5 x H282.5 mm (W15.1 x H11.12 in.) *2 Panel thickness area: 1.6...5 mm (0.06...0.2 in) *3	W301.5 x H227.5 mm (W11.87 x H8.96 in.) *2 Panel thickness area: 1.6...5 mm (0.06...0.2 in) *3
Weight	5.2 kg (11.5 lb) or less	3.9 kg (8.6 lb) or less

*1 The front face of this product, installed in a solid panel, has been tested using conditions equivalent to the standards shown in the specification. Even though this product's level of resistance is equivalent to these standards, oils that should have no effect on this product can possibly harm this product. This can occur in areas where either vaporized oils are present, or where low viscosity cutting oils are allowed to adhere to this product for long periods of time. If this product's front face protection sheet peels off, these conditions can lead to the ingress of oil into this product and separate protection measures are suggested. Also, if non-approved oils are present, they may cause deformation or corrosion of the front panel's plastic cover. Therefore, prior to installing this product, be sure to confirm the type of conditions that will be present in this product's operating environment. If the installation gasket is used for a long period of time, or if this product and its gasket are removed from the panel, the original level of protection cannot be kept. To maintain the original protection level, be sure to replace the installation gasket regularly.

*2 For dimensional tolerance, everything +1/-0 mm (+0.04/-0 in.) and R in angle are below R3(R0.12 in).

*3 Even if the installation wall thickness is within the recommended range for the panel cut dimensions, depending on wall's material, size, and installation location of this product and other devices, the installation wall could warp. To prevent warping, the installation surface may need to be strengthened.

■ External dimensions/Parts Identifications



*7 Even if the installation wall thickness is within the recommended range for the "Panel Cut Dimensions", depending on wall's material, size and installation location of this product and other devices, the installation wall could warp. To prevent warping, the installation surface may need to be strengthened.
*8 You cannot use the USB (mini-B) interface. Affix the provided USB masking sticker.