

19" Industrial Flat Panel Display - FP6800WCD



- Features:**
- Full HD Display TFT Touch Panel
 - 16 Million colors
 - Multi-touch gesture operation
 - Automatic brightness adjustment sensor
 - Supports Win10IoT Ent 2019 LTSC & Win10 (build 1809 or later)
 - Automatic resolution adjustment
 - Class 1 Div 2
 - Flexible - Panel or VESA mounting, in Landscape or Portrait mode

Performance Specifications

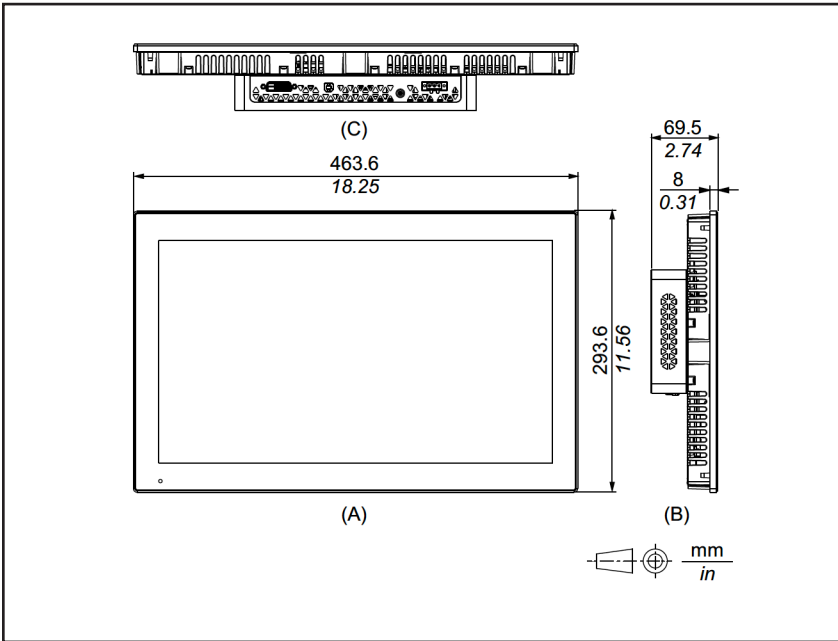
Model	PFXFP6800WCD
Display Type	18.5" TFT Color LCD
Touch Panel	Projected capacitive with optimized noise filter multi-touch (two-point touch)
Display Colors	16 Million Colors
Display Area	408.96 x 230.04 mm (16.1 x 9.06 in)
Graphics Display Resolution	1,920 x 1,080 pixels (Full HD)
Backlight	White LED (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%)
Video interface	DVI (Digital signal) 5M, Connector: DVI-D 24 pin (socket) x 1
USB (Type B)	USB 2.0 (Type B) x 1

General Specifications

Model	PFXFP6800WCD
Rated Input Voltage	24Vdc
Power Consumption	30.6 W or less (Backlight ON: 100% (Power is supplied to external devices)), 5.9 W or less (When screen turns off the backlight (standby model))
Voltage Drop	10 ms or less
Voltage Endurance	1,000 Vac for 1 minute (between charging and FG terminals)
Insulation Resistance	500 Vdc, 10 MΩ or more (between charging and FG terminals)
Certifications	UL 61010-2-201 and CSA C22.2 N°61010-2-201, CE, KC, RCM, RoHS, Haz Loc Class 1, Div2 ^{*1} , ATEX/IECEx Zone 2/22*1, DNV-GL
Storage temperature	-4 to 140°F (-20 to 60°C)
Surrounding air and storage humidity	10% to 90% RH (non-condensing, wet bulb temperature 39 °F, [102.2 °F or less])
Dust	0.1mg/m ³ (10 ⁻⁷ oz/ft ³) or less (non-conductive levels)
Noise Immunity	Noise voltage: 1,000 Vp-p, Pulse duration: 1 μs, Rise time: 1 ns, (via noise simulator)
Grounding	Functional grounding: Grounding resistance of 100Ω, 2 mm ² (AWG 14) or thicker wire, or your country's applicable standard (same for FG and SG terminals).
Electrostatic Discharge Immunity	Contact discharge method: 6 kV (IEC/EN 61000-4-2 Level 3)
Vibration Resistance	IEC/EN 61131-2 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 (approx. 100 min.)
Weight	6.3 kg (13.9 lb) or less
External Dimensions	463.6 x 293.6 x 69.5 mm (18.25 x 11.56 x 2.74 in)
Panel Cut-Out Dimensions	449.5 x 279.5 mm (17.7 x 11.0 in) Panel thickness area: 1.6 to 5 mm (0.06 to 0.2 in)
Warranty	Two (2) year

^{*1} Some products are not yet rated as suitable for use in hazardous locations. Always use your product in conformance with the product labeling and this manual.

FP6800WCD - External Dimensions



Ordering Information

Part Number	Description
PFXFP6800WCD	18.5" TFT Color LCD, 24 Vdc

Accessories or Replacement Components

Product Name	Part Number
USB Cable	5m FP-US00
DVI-D Cable	5m FP-DV01-50
19-inch Installation Gasket	PFXZCWG8W1
19-inch Anti-Glare Sheet	PFXZCAG8W1
Installation Fastener	PFXZCAF1
Panel Cutout Adapter ²	PFXZPAT8W1

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.
- All information contained in this document is subject to change without notice.

²The range for the allowable panel thickness varies depending on the panel cut adapter. For information, refer to the panel cut adapter instruction manual.

FP6800WCD - Cut-Out Dimensions

