

PFXGP4115T2D

Standard product information	Display specifications
Electrical specifications	Environmental specifications
Memory	Interface specifications
Structural specifications	Dimensions

Standard product information	
Family	HMI
Series	GP4100 Series
Size	4.3"
Model	PFXGP4115T2D
Global Code	PFXGP4115T2D
Product Features	4.3" Wide DC RS-232C Color

Display specifications	
Display type	TFT Color LCD
Display size	4.3" Wide
Resolution	480 x 272 pixels
Effective display area	W95 x H53.9 mm [W3.74 x H2.12 in.]
Display colors	65,536 colors
Backlight	White LED (Not user replaceable. When replacement is required, contact your local distributor.)



by **Schneider** Electric

Brightness control 10 Levels (Adjusted with touch panel)

Electrical specifications

Rated input voltage	12 to 24 Vdc
Input voltage limits	10.2 to 28.8 Vdc
Allowable voltage drop	1 ms or less with lowest input voltage, 10 ms or less with rated input voltage
Power consumption	Max. 7.5 W When power is not supplied to external devices: 3.4 W or less
In-rush current	12 Vdc: 20 A or less, 24 Vdc: 40 A or less
Voltage endurance	1,000 Vac, 20 mA for 1 minute (between power terminal and FG terminals)
Insulation resistance	500 Vdc, 10 MΩ or more (between power terminal and FG terminals)

Environmental specifications

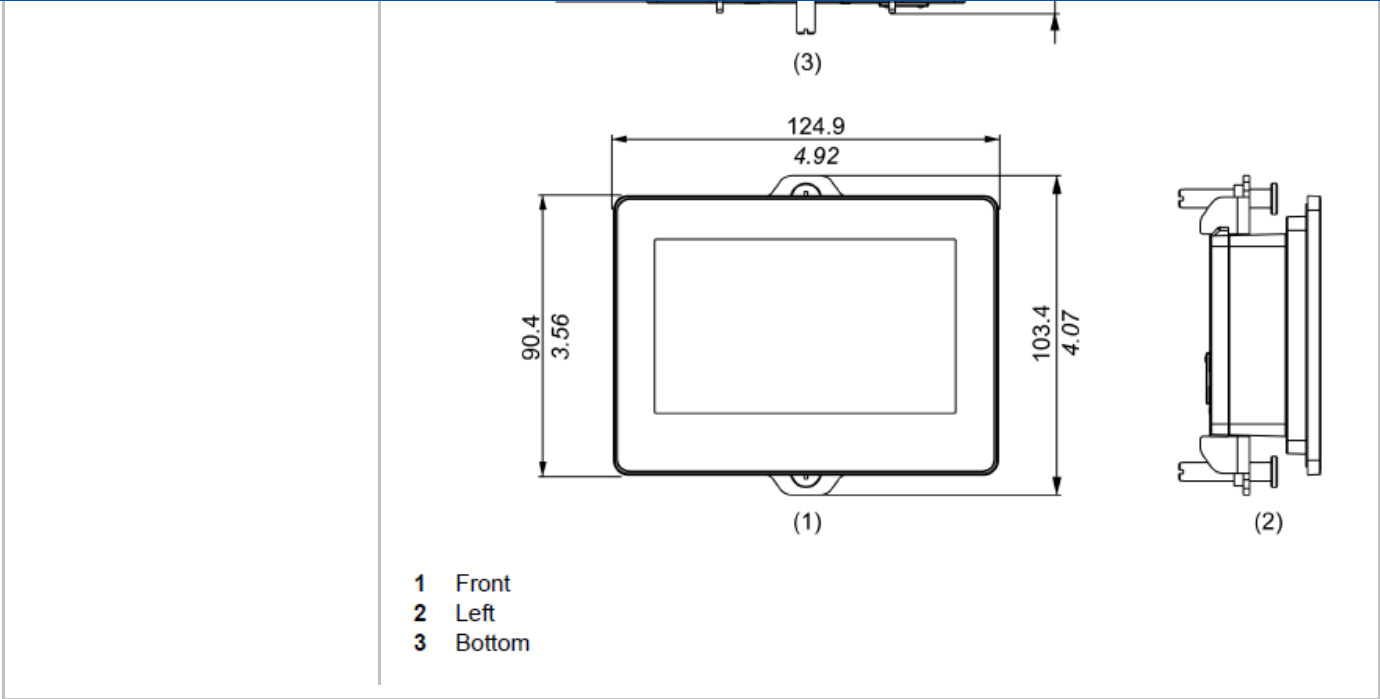
International safety standards	
Surrounding air temperature	0 to 50 °C [32 to 122 °F]
Storage temperature	-20 to +60 °C [-4 to 140 °F]
Ambient humidity	10 to 90 % RH (Wet bulb temperature: 39 °C [102.2 °F] max. - no condensation)
Storage humidity	10 to 90 % RH (Wet bulb temperature: 39 °C [102.2 °F] max. - no condensation)
Dust	0.1 mg/m ³ (10 ⁻⁷ oz/ft ³) or less (non-conductive levels)
Pollution degree	For use in Pollution Degree 2 environment
Corrosive gases	Free of corrosive gases

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	IP65F, Type 1, Type 4X (indoor use only), Type 13 ^{*1}
External dimensions	W124.9 x H90.4 x D38.8 mm [W4.92 x H3.56 x D1.53 in.]
Panel cut-out dimensions	W112.5 x H77.5 mm [W 4.43 x H3.05 in.] with Panel Cutout Adapter (PFXZCFAD31, sold separately): W105 x H66 mm [W4.13 x H2.6 in.]
Weight	0.22 kg [0.49 lb] or less

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

Dimensions

	<div><p>Technical drawing of the PFXGP4115T2D panel showing front, left, and bottom views with dimensions in mm and inches.</p><p>(1) Front view dimensions: 104.5 mm (4.11 in.), 112 mm (4.41 in.), 124.9 mm (4.92 in.), 90.4 mm (3.56 in.).</p><p>(2) Left view dimensions: 77 mm (3.03 in.), 65.5 mm (2.58 in.), 11.3 mm (0.44 in.), 4.2 mm (0.17 in.).</p><p>(3) Bottom view dimensions: 104.5 mm (4.11 in.), 112 mm (4.41 in.).</p></div>								
Panel cut-out dimensions	<div><p>Technical drawing of the panel cut-out dimensions showing W, H, X, and R dimensions.</p></div> <table><tr><th>W</th><th>H</th><th>X</th><th>R</th></tr><tr><td>112.5 mm (+1/-0 mm) (4.43 in. [+0.04/-0 in.])</td><td>77.5 mm (+1/-0 mm) (3.05 in. [+0.04/-0 in.])</td><td>1.5 to 6 mm (0.06 to 0.24 in.)</td><td>2 to 3 mm (0.08 to 0.12 in.)</td></tr></table> <p>* with Panel Cutout Adapter (PFXZCFAD31, sold separately): W105 x H66 mm (W4.13 x H2.6 in.)</p>	W	H	X	R	112.5 mm (+1/-0 mm) (4.43 in. [+0.04/-0 in.])	77.5 mm (+1/-0 mm) (3.05 in. [+0.04/-0 in.])	1.5 to 6 mm (0.06 to 0.24 in.)	2 to 3 mm (0.08 to 0.12 in.)
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External dimensions with cable	Dimensions with Installation Fasteners Attached								



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