



VT5-W07M
7" widescreen TFT monochrome touch panel display



*Please note that accessories depicted in the image are for illustrative purposes only and may not be included with the product.

Specifications

Model				VT5-W07M
General specifications	Current consumption.			900 mA or less
	Power voltage			24 VDC ±20%
	Vibration resistance	Intermittent vibration	Frequency: 5 to 9 Hz	Half amplitude: 3.5 mm 0.14***1
			Frequency: 9 to 150 Hz	Acceleration: 9.8 m/s² 32.2'/s²*1
		Continuous vibration	Frequency: 5 to 9 Hz	Half amplitude: 1.75 mm 0.07***1
			Frequency: 9 to 150 Hz	Acceleration: 4.9 m/s² 16.1'/s²*1
	Structure			Construction with IP65F or equivalent dust and water drop protection only for the front operating part of the panel embedded type²
	Overvoltage category			I
	Pollution degree			2
	Noise resistance			1500 Vp-p or more, Pulse duration: 1 μs, 50 ns (based on noise simulator)
	Withstand voltage			1500 VAC for one minute (between power terminal and housing)
	Insulation resistance			50 MΩ or more (between power terminal and housing, with 500 VDC megohmmeter)
	Operating environment			No dust, corrosive gases, or other harmful substances present
	Ambient operating temperature			0 to 50°C 32 to 122°F*³
	Ambient operating humidity			20 to 85% (no condensation)*⁴
	Storage ambient temperature			−20 to +60°C -4 to +140°F (no freezing)
	Ambient storage humidity			20 to 85% (no condensation)*⁴
	Weight			Approx. 650 g
Performance specifications	Displaypanel	Display elements		TFT LCD
		Display color		256 grayscale
		Number of dots		800 × 480 (W × H dots)
		Active display area		153.6 × 86.6 (W × H mm) 6.05" × 3.41"
	Data backup	Screen data		Flash ROM
		Recording data		SRAM, Backup: Primary lithium battery (Service life: 5 years or more at 25°C 77°F)
	Backlightlamp	System		White LED (Non-replaceable)
		Service life (normal temperature andhumidity)		Approx. 50,000 hours
	Touchswitch	System		Analog resistive
		Operating force		0.98 N or less
Life-span		1 million operations or more		

	Screen data internal memory	Memory capacity	128 MB
	Calendar timer		Accuracy: ±40 seconds per month at 25°C 77°F, Backup: Primary lithium battery (Service life: 5 years or more at 25°C 77°F)

*1 Compliant with JIS B3502, IEC 61131-2. Scan times: 10 times in each of X, Y, and Z directions (for 100 min.)
*2 When the front USB cover is closed.
*3 This value is applicable only when the VT5 Series is mounted vertically.
*4 If the ambient operating temperature exceeds 40°C 104°F, use the product under conditions where the absolute humidity is 85% RH or less at 40°C 104°F.

Dimensions

* Download CAD file or product manual for larger image/text and more detail.

vt5-w07_w07m_dimension_01.gif

