



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/s ² 32.2'/s ^{2*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/s ² 16.1'/s ^{2*} 1 |
| | Structure | | | Construction with IP65F or equivalent dust and water drop protection only for the front operating part of the panel embedded type*2 |
| | 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 | | | $50~\text{M}\Omega$ 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) |

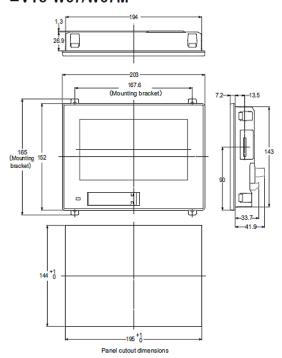
^{*1} Compliant with JIS B3502, IEC 61131-2. Scan times: 10 times in each of X, Y, and Z directions (for 100 min.)

Dimensions

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

vt5-w07_w07m_dimension_01.gif

■VT5-W07/W07M



^{*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.