



Function Modules

Datasheet



GL7-DISP | GL7-SSD | GL7-DCO

Function Modules

GL7-DISP

Display Module

Display device	5.7-inch TFT color LCD monitor (VGA: 640 x 480 dots)
Operation	Touch panel and cursor keys*1
Touch panel	Capacitive type touch panel; Operated by finger or proprietary pen
Displayed language	English, French, German, Chinese, Korean, Japanese
Screen saver	Turns off backlight by 10 s, 30s, 1 min, 20 min, 5 min, 10 min, 30 min or 60 min
Displayed information	Waveform Y-T + digital values, waveform only, digital values only, waveform XY
Connection cable	LAN cable (CAT5, straight, max. 10 m) *2
Standard accessories	Bracket for slanted mount, connection cable (40 cm), ground cable, screws
External dimensions [WxDxH]	approx. 187 x 34.5 x 119 mm (excluding projections)
Weight	approx. 530 g



Notes:

1. Most operations can be selected by both the touch panel and keys.
2. When the display module is mounted at an angle using the bracket, the display module is connected to the main module by a LAN cable that is attached to the module as a standard accessory

GL7-SSD

SSD Module

Memory	Solid state disc (SSD), form factor: 2.5-inch HDD	
Capacity	approx. 64 GB (the file size of the captured data is limited up to GB)	
Sampling rate (interval) ³	1 to 2 modules	max. 1 MSamples/s (1 μs)
	3 to 4 modules	max. 500 kSamples/s (2 μs)
	5 to 10 modules	max. 200 kSamples/s (5 μs)
External dimensions [WxDxH]	approx. 49.2 x 136 x 160 mm (excluding projections)	
Weight	approx. 770 g	



Notes:

3. The sampling speed in the GL7000 is limited to the fastest sampling speed of attached amplifier module. When the specified sampling speed is faster than the module, the sampling is done in fastest sampling on the module. The same value is stored to the memory device in the specified sampling speed until data is renewed by the next sampling.

GL7-DCO

Voltage Output Module

Number of output channels	8 channels
Output connector	SMA connector
Output method	All channels common ground
Sampling rate (interval)	100 kSamples/s (10 μs)
Output target	Voltage module, voltage/temperature module, high-speed voltage module, high voltage module, DC strain module, charge/vibration module <ul style="list-style-type: none"> - Sampling interval from 10 μs - Temperature and humidity data is not compatible - Sine wave, pulsed wave (Duty cycle can be set when creating output data.), ramp wave, triangle wave, simple arbitrary waveform, DC voltage can be output by creating data with dedicated PC software. - Input signal can be recorded with input type module during output signal is generated from voltage output module.
Output range	±1 V, ±2 V, ±5 V, ±10 V



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