

Specifications/Dimensions

Specifications

	u	GT01 / GT01R	GT11	GT21C	GT32M	GT32T0	GT32T1		
	Item	5V/RS232C 5V/RS422 24V/RS232C 24V/RS422	RS232C RS422	RS232C RS422	RS232C RS422	RS232C RS422	RS232C RS422		
Rated v	/oltage	5 V DC	<u>'</u>	24 \	/ DC		<u> </u>		
Operatin	ig voltage range	4.5 to 5.5 V DC		21.6 to 2	6.4 V DC				
ower o	consumption	1W max. 1.1W max. 2W max.	2.4W max.	4.8W max.	10V	V max.	12W max.		
ower supply	ly unit isolation method		_			Transformer isolation			
Ambient temperature		0 to 50°C	0 to 50°C	0 to 50°C*1		0 to 50°C*2			
Ambient humidity 20 to 85% RH (No dew condensation)									
Storage	e temperature	−20 to 60°C							
Storage humidity		10 to 85% RH (No dew condensation)							
Vibration resistance		10 to 55 Hz (1-minute cycle): Double amplitude: 0.75 mm, 10 minutes in each of the X, Y, and Z directions							
Shock resistance		98 m/s ² min: 4 times in each of the X, Y, and Z directions							
Superposed noise suppression		1,000 V [P-P] min, pulse width of 50 ns, 1 μ s between power supply terminals (by a noise simulator) *AIGT0030B1/AIGT0030H1: When the ferrite device supplied with our PLC connection cable (AIGT8142) is mounted							
Environmental resistance		IP65 (in the initial stages) Dust-proof and drip-proof from the front of the panel only (Rubber packing is attached to the panel contact surface.) *When reattaching the panel, replace the waterproof packing.							
Mass		Approx. 160 g	Approx. 230 g	Approx. 330 g	Approx. 500 g	Approx. 470 g	Approx. 480 g		
Disr	play device	STN monochrome LCD	STN monochrome LCD	STN color LCD	STN monochrome LCD		olor LCD		
	solution	128 (W) x 64 (H) dots	240 (W) x 96 (H) dots			240 (H) dots			
	play color	2 colors (black/white)	2 colors (black/white)	256 colors	2 colors (blue/white) 4,096 colors				
}	olayable area	70.38 (W) x 35.18 (H) mm	96.0 (W) x 38.4 (H) mm	98.0 (W) x 74.0 (H) mm	113.2 (W) x 86.4 (H) mm	,	83.6 (H) mm		
	cklight	GT01: 3-color LED (green, orange, red) GT01R: 3-color LED (white, red, pink) *No need for replacement	3-color LED (green, orange, red) /White LED *No need for replacement	White LED backlight *No need for replacement		CFL 75,000 hours (25°C), GT32			
Fon	nt types	Fixed (GTWIN) TrueType (GTWIN): 10,): 8 x 8, 16 x 8, and 16 x 1 12, 14, 16, 24, 26, 28, 32,	6 dots Characters can be 36, 48, and 64 Windows (s can be displayed in the 1, 2, 4, or 8 times width or height. indows (R): 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 32, 36, 48, and 64				
Lan	guages	Japanese, E	English, Korean, German,	French, Spanish, Italian, S	implified Chinese, Traditio	nal Chinese, Turkish			
Gra	phics	Straight lines, continuous	straight lines, squares, cir-	cles, ovals, arcs, elliptic ar	cs, fan shapes, elliptic fan	shapes, beveled squares,	, bitmaps		
Num	nber of screens	Approx. 160 screens*3	Approx. 250	0 screens*3	Approx. 240 screens (GT32M)*3	Approx. 180 scre	ens (GT32T)*3		
that	een No. t can be set		Base screens: No. 0 to 3FF, Keyboard screens: No. 0 to 7						
Part	t functions	Messages, lamps, switches, data, bar graphs, clocks (*), keyboards, and line graphs	Messages, lamps, switches, data, bar graphs, clocks, keyboards, line graphs, and alarm list parts						
	er functions	Recipe, flow display, write device, and language switching	Recipe, flow display, write device, alarm record, alarm list, and language			ge switching	Sound output *4		
		Refers to and displays external clock data. (Not provided with a built-in clock function.) Provided with a built-in clock function. (Can also refer to an							
Cloc	ck function		Provided with a built-i	n clock function. (Can also	refer to and display a PL0	C clock.) *Buy a commerci	ially available battery.		
Cont	trast adjustment	(Not provided with a built-in clock function.)	Provided with a built-it can be adjusted by using		refer to and display a PL	· · ·	ially available battery.		
Cont	trast adjustment	(Not provided with a built-in clock function.) Contras	t can be adjusted by using			Not adj			
Cont	trast adjustment omatic commu- ation settings	(Not provided with a built-in clock function.) Contras The commu	t can be adjusted by using inication conditions of dedi	the touch panel.	an be automatically set by	Not adj			
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- *1. When the unit is being installed in a horizontal orientation or FP programmer II is being connected to the TOOL port, the usable range is 0 to +45°C.

 *2. When the unit is being installed in a horizontal orientation, the usable range is 0 to +40°C.

 *3. The number of screens that can be registered varies according to the registered contents.

 *4. WAV format (PCM, 8-KHz sampling rate, 16 bits, mono), Maximum sound data capacity: 512 KB (approx. 30 sec), Maximum registrable number of sound data items: 128

 *5. A USB/RS232C conversion cable should be used to achieve a communication speed of 230,400 bps.

 When the TOOL port of GT is set to 230,400 bps, the auto communication setting function of GTWIN cannot be used. Set the communication speed to 230,400 bps on GTWIN before transferring data.

 *6. The unit caries out serial communication data processing at 115.2kbits/s.

 *7. Communications with external equipment (PLC) are not available.

 *8. Simultaneous USB and Ethernet communications are not possible.

Conformance to the UL/cUL standards

	UL/cUL file No.	E96300	UL Standard No.	UL508	
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