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Translated from Japanese to English - www.onlinedoctranslator.com



MT-150

Alarm display 3-color LED

*The photos may represent images of how the items are used. Please note that the items may not be included in the product.

This product is no longer in production.

The compliance status with standard certifications is as of the date of shipment from our company.

Toll free number: 0120-587-877

Recommended replacement:Touch Panel Display - VT5 Series

specification

Model				MT-150
kinds				Dot Matrix LCD Panel
General Specifications	Rating	Power-supply voltage		DC24V +10% -5%
		Current consumption		0.4A or less
	structure			Panel recessed type
	Insulation resistance			Between external terminal and case: 5MΩ or more (at DC500V megger)
	Environmental resistance	Ambient temperature		0 - 40℃
		Ambient humidity during use		35 to 85% RH (no condensation)
		Usage atmosphere		There should be no excessive dust or corrosive gases.
		Withstand voltage		Between external terminal and case: AC1500V for 1 minute
		Vibration resistance		10 to 55Hz, double amplitude 1.5mm, 2 hours in each of X, Y, and Z directions
		Noise Resistance		1000Vp-p 1μs (power line common mode)
	mass			Approx. 530g
Input/Output Specifications	Parallel In Surface	Data Entry Pagest Lobe Input Address Store Lobe Input Datastore Lobe Input Data digit designation Function Nstrobe Input Alarm Wi Worldwide Lobe Input	Input Rating	DC24V
			Minimum ON voltage	19V
			Maximum OFF current	2mA
			Minimum input pulse Width	10ms
		READY output Alarm Output	Output Format	NPN open collector
			Rated Load	Maximum 30mA (DC24V or less)
		Function hmm Switch Output	Output Format	NPN open collector
			Rated Load	Maximum 30mA (DC24V or less)
			Output Time	Output while pressed (momentary)
	Serial In Surface	Serial Input/Output Power (D-sub 9 pin)	Applicable standards	EIA RS-232C compliant
			Synchronization method	Asynchronous

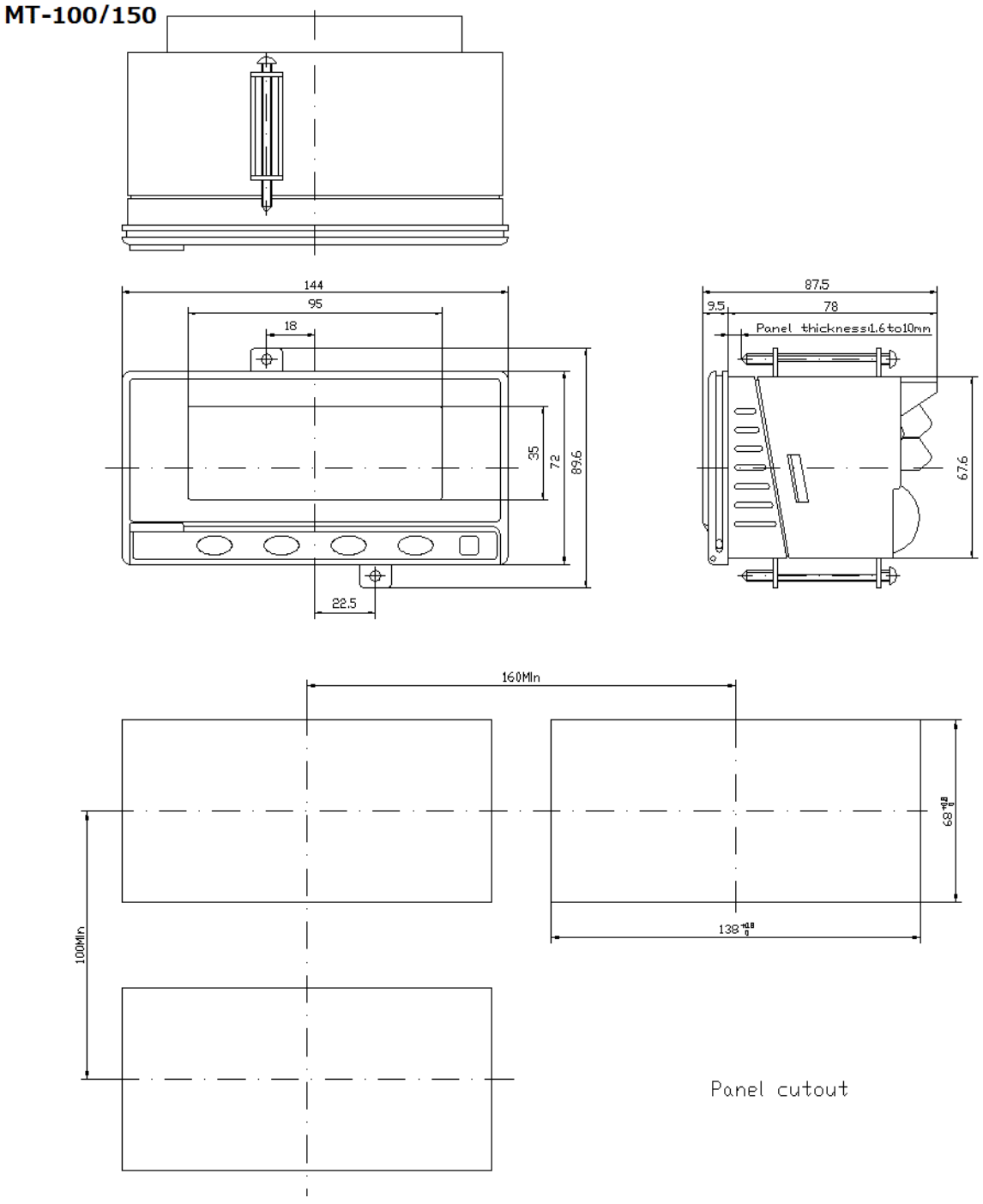
			Transmission code	ASCII
			Data Length	Fixed at 8 bits
			Stop Bit To-cho	1 bit/2 bit switching
			parity check	Even/Odd Switching
			baud rate	4800/9600bit/s switchable
Display Specifications	LCD display panel R	Effective display area		92.12(W)×32.12(H)mm
		Number of dots		128 (W) x 48 (H) dots
		Dot Size		0.68(W)×0.63(H)mm
		Dot Pitch		0.72(W)×0.67(H)mm
		LCD Life		100000 hours*1
	Backlight			Color LED (green, red, orange) Lifespan: 50,000 hours*1
	Display characters	1/4 angle	8×8 dots	Alphabetical characters, numbers, katakana, and symbols: 213 characters
		Half angle	8×16 pixels	
		Full angle	16×16 dots	Kanji (JIS 1st standard): 2,965 characters English letters, numbers, hiragana, katakana, Greek letters, Russian letters, symbols: 693 characters Special symbols: 223 characters External characters (user registration): 14 characters
		Double Vertical Angle	16×32 dots	
		4x angle	32×32 dots	
		6x angle	32×48 dots	
	Save screen data			Built-in SRAM*2: Maximum 254 screens Memory card (M-2)*3SRAM(32KB): Maximum 500 screens (6 files)
	Display Function			Blinking/reverse, backlight auto color selection (green, red, orange), alarm inlay, numerical data inlay, bar graph (%) display, key paging, auto paging, function switch frame display (4 per screen)

* 1This may vary slightly depending on the usage environment. (Average time)
* 2Lithium battery backup (10 year life)
* 3Lithium battery backup (5 year life)

External dimensions

*If the text is difficult to read, please check the CAD or manual.

MT-100/150



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