

MINI RECORDER

TRM10C

Lower Price, High Reliability & User-friendly !



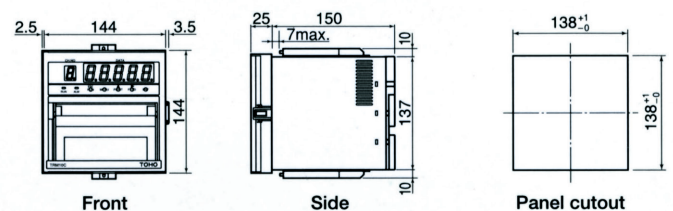
FEATURES

- Compact size
144 (W) × 144 (H) × 150 (D) mm
- 1.5 kg (6 point recorder) of lightest weight on an industrial level
- Universal input and range
- RS-232C communication function provided for in standard specifications
- Option (detailed on the reverse of Ordering Information) & consumables available
- IP-65 conformed with Dust-proof & Water-proof
- Conforms to CE marking

Consumables

1. Chart Paper (HZCGA0105EL001)
2. Ribbon Cartridge for 6 Point Recorder (WPSR188A000001A)
3. Ribbon Cartridge for 1 Pen/2 Pen Recorder (HPSR001H0002C)
4. Cartridge Pen (WPSR196A000001A; No.1)
5. Cartridge Pen (WPSR196A000002A; No.2)
6. Shunt Resistance (HMSU3081A01)

Dimensions Unit: mm



TRM10C MINI RECORDER

Ordering Information

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OPTIONS available

① Model

01	1 Pen Recorder
02	2 Pen Recorder
06	6 Point Recorder

② Communication

0	RS-232C (Standard)
1	RS-485

③ DI/DO

0	None
1	1 Pen / 2 Pen Recorder : 3 Relay Outputs 6 Point Recorder : 6 Relay Outputs
2	3 DI
3	1 Pen / 2 Pen Recorder : 3 DI & 3 Relay Outputs 6 Point Recorder : 3 DI & 6 Relay Outputs

④ Chart Sensor

0	None
1	Required

※ Combination of RS-232C and RS-485 unavailable.
(You may select either of them)

Specifications

TITLE		PEN RECORDER	MULTIPOINT RECORDER
Input	Number of Inputs	1 pen or 2 pen	6 point
	Measuring Cycle	125ms	10s/6ch, max
	Input Type	Direct voltage: $\pm 10\text{mV}$, 0–20mV, 0–50mV, $\pm 200\text{mV}$, $\pm 1\text{V}$, $\pm 10\text{V}$, 0–5V	
		Direct current: 4–20mA (250 Ω shunt resistance required to install externally)	
Thermocouple : K, T, J, E, B, S, R, C, N, PR40–20, PLII, L, Au-Fe, U R.T.D. : Pt100, JPt100			
Performance	Accuracy	$\pm 0.3\%$ ± 3 digit max. for Digital indicator/printing	
	Noise Reduction	NMRR (Normal mode): 60dB min. (50/60Hz $\pm 0.1\text{Hz}$) CMRR (Common mode): 140dB min. (50/60Hz $\pm 0.1\text{Hz}$)	
	Isolation Resistance	Each terminal/ground: 500V DC, 20M Ω min.	
	Voltage-proof	Power input terminal/ground: 1.5kV AC, 1 minute Input terminal/ground: 0.5kV AC, 1 minute	
	Vibration-proof	10~60Hz, 1m/s ² max.	
	Shock-proof	2m/s ² max.	
Alarm	Number of Relay Outputs	3 outputs (Form A contacts: Built-in option)	6 outputs (Form A contacts: Built-in option)
	Capacity	250V AC 3A max. loaded, 30V DC 3A max. loaded	
Communication	Interface	RS-232C (Standard), RS-485 (Option)	
Power Supply	Rated Power Voltage	100–240V AC (50/60Hz)	
	Power Consumption	30VA max. (100V AC)	25VA max. (100V AC)
Structure	Mounting/Housing	Panel mounting / Front panel: Dust-proof, Water-proof (IP-65)	
	Dimensions	144(W) \times 144(H) \times 150(D) mm	
	Gross Weight	2.0–2.5kg max.	1.5kg max.
Operation Condition	Allowable Conditions	Temperature: 0–50 $^{\circ}\text{C}$, Humidity: 20–80%RH	
Recording/Printing	Recording	Disposable felt pen	
	Printing	Wire dot 1 color ribbon	Wire dot 6 color ribbon
	95% Step Response Time	1.0s max.	
	Dot Print Cycle	10.0s/6ch max.	
	Chart Paper	Length: 16m, Width: 114mm, Width folded: 40mm	
	Chart Speed	User-selective from 41 speeds in range: 5–12000mm/hr.	User-selective from 34 speeds in range: 0–1500mm/hr.
	Printing Color	Red, Green	Purple, Red, Green, Blue, Brown, Black

※ Specifications are subject to change without notice.



Please install this device after careful reading of the instruction manual.

