6-Channel Mini Recorder

Features

- Universal input and range
- RS-232C communocation function provided for in standard specifications
- Compact size
- 1.5kg of lightest weight on an industrial level
- IP-65 conformed with Dust-proof & water-proof
- UL, CSA & CE approvals
- Option (detailed on the Ordering Information) & Consumables available

Ordering Code

OPTIONS available

TS 601 ☐ C ☐ ☐ ☐ T

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

Communication
0 - RS232C (standard)
1 - RS485
Combination of RS232 & RS485 is unavailable.
(Must select either one of them.)

Chart Sensor
0 - None
1 - Required

DI/DO
0 - None
1 - 1 Pen/2 Pen recorder: 3 Relay Ouputs
6 Point recorder: 6 Relay Ouputs
2 - 3 DI
3 - 1 Pen/2 Pen recorder: 3 DI & 3 Relay Outputs
6 Point Recorder: 3 DI & 6 Relay Outputs

Consumables

- Chart paper (HZCGA0105EL001)
- Ribbon cartridge for 6 point recorder (WPSR188A000001A)
- Ribbon cartridge for 1 pen/2 pen recorder (HPSR001H0002C)
- Cartridge pen (WPSR196A000001A;No.1)
- Cartridge pen (WPSR196A000002A;No.2)
- Shunt Resistance (HMSU3081A01)

SPECIFICATIONS

		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: +/-10mV, 0-20mV, 0-50mV, +/-200mV, +/-1V, +/-10V, 0-5V	
		Direct current: 4-20mA (250 ohm shunt resistance required to install externally)	
		Thermocouple: K,T,J,E,B,S,R,C,N,PR40-20,PL II,L,Au-Fe,U	
		R.T.D: Pt100, JPt100	
Performance	Accuracy	+/-0.3% +/-3 digit max. for digital indicator/printing	
	Noise Reduction	NMRR (Normal mode): 60dB min. (50/60Hz+/-0.1Hz)	
		CMRR (Common mode): 140dB min. (50/60Hz+/-0.1Hz)	
	Isolation Resistance	Each terminal/ground: 500V DC, 20M ohm 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) x 144(H) x 150(D) mm	
	Gross weight	2.0 - 2.5kg max.	1.5kg max.
Operation Condition	Allowable Conditions	Temperature: 0 - 50 deg.C, Humidity: 20 - 80% RH	
Recording/Printing	Recording	Disposable felt pen	Wire dot 6 color ribbon
	Printing	Wire dot 1 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

Catalog No.	Model	Description
TM-CR-TS601	Refer to the Ordering Code	6 Channel Mini Recorder