

Cat.No.8098-03

Paperless Recorder Model SKR-SD10-03 (3 channels)



Model

SKR-SD10-03

LAN port is included as standard. Various additional functions and options bring easy operation and multiple functions. Selectable channel in 3, 6, 9 and 12 ch. Clear 5.7 inch TFT LCD with touch panel.

FEATURES

- Clear 5.7" TFT LCD with Touch Panel
- 3, 6, 9 and 12 channel type are available
- Universal input and range
- Analyzing/data acquisition application software, LAN port
- Large internal memory capacity of 100 MB
- Large external memory capacity with SD (max. 2GB)/SDHC card (max. 32 GB)
- Ethernet LAN network capability
- Dustproof, waterproof construction conforming to IP65 rated

SPECIFICATIONS

Input	Number of points	3, 6, 9, 12 points (select at a time of purchase) *1
	Measuring cycle	100 ms
	Recording cycle	1 sec. to 60 min. (Main/Sub record) 100 ms can be selected only at the Sub record
	Input signal	Thermocouple: K, E, J, T, C, N, PLII, U, L, R, S, B, PR20-40, Au-Fe RTD: Pt 100 Ω, JPt 100 Ω DC voltage: -10 to 10 mV, 0 to 20 mV, 0 to 50 mV, -0.2 to 0.2 V, -1 to 1 V, -10 to 10 V, 0 to 5V

		DC current: 4 to 20 mA (External shunt resistance)
Performance	Indication accuracy	± (0.1 % + 1 digit) of input range
Display	LCD Contents	5.7" TFT(QVGA) with Touch Panel and backlight - Trend display (in vertical or horizontal) selected in the refreshment cycles of 1 sec. to 60 min. - Bar graph (refresh cycle: 1 sec.) - Digital display (refresh cycle: 1 sec.) - Event summary display (alarm and message summary) - Ethernet log display - Historical trend display
Recording function	Recording medium	SD card (max. 2 GB) SDHC card (max. 32 GB)
	Internal memory	about 100 MB
	Recording method	- Writing starts in fixed cycles by turning ON the REC key on the front panel. - Data is recorded in a new file every time the recording starts.
	Data save cycle Data format	Selectable with 1 hour to 1 year CSV 120 bytes per sampling (at 6 channels input) Binary (Data cannot be read directly into Excel, etc.) 32 bytes per 1 sampling (at 6 channels input)
Alarm function	Number of settings	Up to 4 alarms can be set for each channel.
Communication	Ethernet 10 BASE-T	HTTP server, FTP server and Modbus/TCP protocol
General	Mounting method	Panel-mount (vertical panel)
	Material	Polycarbonate Glass 10 % UL94-V0 (case, bezel)
	Dimensions	Panel mount: 150 (W) × 144 (H) × 181.8 (D)mm
	Weight	about 0.9 kg (3 channels), about 6 kg (6 channels)
	Power requirement Power consumption	100V to 240V AC, 50/60 Hz 15 VA max. at 100V AC, 25 VA max. at 240V AC)
Option	Relay card DI/DO card	Relay: 6 points (1a contacts) DI/DO: input 9 points / output 12 points (open collector)
	Communication	RS-485 (MODBUS RTU protocol)

*1. 12 points cannot be selected when the DI/DO or Relay option is selected,