

PAPERLESS RECORDER PR8000



SPECIFICATIONS

Display	3.2" , 320 x 240 TFT, Color LCD Display
Number of inputs	1, 2, 3, 4, 5, 6 points
Input Signal	Thermocouple: 7types (K, S, B, E, J, N, T, R, Wer523) RTD-Resistance Bulbs:3 types (PT100, CU50, CU100) DC Voltage (0-5VDC, 1-5 VDC) DC Current (4-20mA, 0-10mA) Others: 4 types (0-20mV, 0-60mV, 0-100mV, 0-500mV)
Sample Rate	1s /6 channel
Power Supply	100-240VAC, 47-63Hz, 24VDC
Power Consumption	5VA
Front size	96 x 96 x 85mm
Operation Temperature	Working temperature 0~50 ° C Relative Humidity 10% ~ 85%
Storage	Temperature - 20° C ~60 ° C Relative Humidity 5% ~ 95%
Memory	Flash memory, USB (2 GB), FAT 16 format
Memory Capacity	8MB built in memory
Relay Contact	SPDT at 250VAC/3A, NO or NC
Retransmission	4-20mA, up to 2 points
Communication	RS485 MODBUS-RTU protocol
Type of Alarm	High, Low, High-High, Low-Low Limit
No of Alarm	Up to 4alarms are settable for each channel, configurable flexibly
Accuracy	0.2 grade when RTD, Linear Voltage, Linear Current and T.C Input 0.2% FS ± 2.0 ° C when T.C. input with cold junction compensation by internal part of recorder.

ORDERING CODE:-

PR80	-	01	S	S	S	S	S
①		②	③	④	⑤	⑥	⑦

① Item/Series	PR80	Paperless recorder, Model PR8000, USB Port c/w 2GB Pendrive.
② Channel	01	1 Channel
	02	2 Channel

	06	6 channel
③ Output 1	S	Standard
	R1	Relay alarm: NO , 30VDC/3A, 20VAC/3A
	R2	Relay alarm: NO , 30VDC/3A, 20VAC/3A
	24V	Isolated auxiliary 24VDC power supply for transmitter, sensor & other device, max. 40mA
	RT	Isolated linear 4-20mA retransmission output, for max 250 ohm load
④ Output 2	S	Standard
	R1	Relay alarm: NO , 30VDC/3A, 20VAC/3A
	R2	Relay alarm: NO , 30VDC/3A, 20VAC/3A
	24V	Isolated auxiliary 24VDC power supply for transmitter, sensor & other device, max. 40mA
	P4	RS232 printing port for mini printer
	P5	Paper printer
	RT	Isolated linear 4-20mA retransmission output, for max 250 ohm load
⑤ Communication	S	Standard
	P1	RS 485
⑥ Frequency Input Signal	S	Standard
	FI	One channel 0 – 5KHZ frequency input
⑦ Power Supply	S	85 – 240 VAC
	PS	24 VDC

DIMENSION:

96mm

