

SD5+ RS485 Manual

Address	Parameter	R/W	Range	default
	//LED Flag			
0x0000	TX、RX、AL1、AL2 LEDLED Flag	read only	0000~1111	0
	//PV of Ch01 ~ Ch05			
0x0001	Channel 1 PV	read only (RSP Write)	-1999~9999	0
0x0002	Channel 2 PV	read only (RSP Write)	-1999~9999	0
0x0003	Channel 3 PV	read only (RSP Write)	-1999~9999	0
0x0004	Channel 4 PV	read only (RSP Write)	-1999~9999	0
0x0005	Channel 5 PV	read only (RSP Write)	-1999~9999	0
	//PVOF of Ch01 ~ Ch05			
0x0006	Channel 1 PV offset	R/W	-1000~1000	0
0x0007	Channel 2 PV offset	R/W	-1000~1000	0
0x0008	Channel 3 PV offset	R/W	-1000~1000	0
0x0009	Channel 4 PV offset	R/W	-1000~1000	0
0x000A	Channel 5 PV offset	R/W	-1000~1000	0
	//Alarm 1 Set point			
0x000B	Alarm 1 Set point Ch 01	R/W	-1000~1000	500
0x000C	Alarm 1 Set point Ch 02	R/W	-1000~1000	500
0x000D	Alarm 1 Set point Ch 03	R/W	-1000~1000	500
0x000E	Alarm 1 Set point Ch 04	R/W	-1000~1000	500
0x000F	Alarm 1 Set point Ch 05	R/W	-1000~1000	500
	//Alarm 2 Set point			
0x0010	Alarm 2 Set point Ch 01	R/W	-1000~1000	500
0x0011	Alarm 2 Set point Ch 02	R/W	-1000~1000	500
0x0012	Alarm 2 Set point Ch 03	R/W	-1000~1000	500
0x0013	Alarm 2 Set point Ch 04	R/W	-1000~1000	500
0x0014	Alarm 2 Set point Ch 05	R/W	-1000~1000	500
	//Alarm 1 Function Setting			

0x0015	Alarm 1 Function	R/W	FU index	Hi
0x0016	Alarm 1 Mode	R/W	MD index	None
0x0017	Alarm 1 Hysteresis	R/W	-1000~1000	0
	//Alarm 2 Function Setting			
0x0018	Alarm 2 Function	R/W	FU index	Lo
0x0019	Alarm 2 Mode	R/W	MD index	None
0x001A	Alarm 2 Hysteresis	R/W	-1000~1000	0
	//Alarm timer unit			
0x001B	Alarm timer unit	X	X	X
	//Channels			
0x001C	Channels Number	R/W	1~5	5
0x001D	Channels Scan Time	R/W	0~10	0
	//Communication			
0x001E	ID address	R/W	1~255	1
0x001F	BAUD RATE	R/W	BAUD index	9600
0x0020	RTU	R/W	RTU index	N81
	//Key level LOCK			
0x0021	Level lock	R/W	LOCK index	0100
	//Type of Ch01 ~ Ch05			
0x0022	Input type of Ch 01	R/W	TYPE index	TC_K
0x0023	Input type of Ch 02	R/W	TYPE index	TC_K
0x0024	Input type of Ch 03	R/W	TYPE index	TC_K
0x0025	Input type of Ch 04	R/W	TYPE index	TC_K
0x0026	Input type of Ch 05	R/W	TYPE index	TC_K
	//Unit of Ch01 ~ Ch05			
0x0027	Input unit of Ch 01	R/W	UNIT index	°C
0x0028	Input unit of Ch 02	R/W	UNIT index	°C
0x0029	Input unit of Ch 03	R/W	UNIT index	°C
0x002A	Input unit of Ch 04	R/W	UNIT index	°C
0x002B	Input unit of Ch 05	R/W	UNIT index	°C

	//DP of Ch01 ~ Ch05			
0x002C	decimal point of Ch 01	R/W	DP index	0000
0x002D	decimal point of Ch 02	R/W	DP index	0000
0x002E	decimal point of Ch 03	R/W	DP index	0000
0x002F	decimal point of Ch 04	R/W	DP index	0000
0x0030	decimal point of Ch 05	R/W	DP index	0000
	//Linear Low & High of Ch01			
0x0031	Linear Low of Ch 01	R/W	-1999~9999	0
0x0032	Linear High of Ch 01	R/W	-1999~9999	1000
	//Linear Low & High of Ch02			
0x0033	Linear Low of Ch 02	R/W	-1999~9999	0
0x0034	Linear High of Ch 02	R/W	-1999~9999	1000
	//Linear Low & High of Ch03			
0x0035	Linear Low of Ch 03	R/W	-1999~9999	0
0x0036	Linear High of Ch 03	R/W	-1999~9999	1000
	//Linear Low & High of Ch04			
0x0037	Linear Low of Ch 04	R/W	-1999~9999	0
0x0038	Linear High of Ch 04	R/W	-1999~9999	1000
	//Linear Low & High of Ch05			
0x0039	Linear Low of Ch 05	R/W	-1999~9999	0
0x003A	Linear High of Ch 05	R/W	-1999~9999	1000
	//Linear CUT of Ch01 ~ Ch05			
0x003B	Linear CUT Ch 01	R/W	CUT index	None
0x003C	Linear CUT Ch 02	R/W	CUT index	None
0x003D	Linear CUT Ch 03	R/W	CUT index	None
0x003E	Linear CUT Ch 04	R/W	CUT index	None
0x003F	Linear CUT Ch 05	R/W	CUT index	None
	//The right side LED 8 Setting			
0x0040	The right side LED 8 Setting	R/W	0: OFF 、1:ON	0
	//old PV of Ch01 ~ Ch05			

0x1000	old Channel 1 PV	read only	-1999~9999	0
0x1001	old Channel 2 PV	read only	-1999~9999	0
0x1002	old Channel 3 PV	read only	-1999~9999	0
0x1003	old Channel 4 PV	read only	-1999~9999	0
0x1004	old Channel 5 PV	read only	-1999~9999	0
	//LED Flag			
0x1005	old TX、RX、AL1、AL2 LED LED Flag	read only	0000~1111	0
0x1006	LED Alarm SP Flag	read only	0000~1111	0

Condition	Parameter	Option	Code	Meaning	Note 1
	Alarm Function	None	00	Alarm action off	
		Hi	01	Process high alarm	
		Lo	02	Process low alarm	
	Alarm mode	None	00	None	
		Stdy	01	stand by	
		LAtH	02	latch	
		StLA	03	stand by + latch	
	BAUD RATE	9600	00	9600	
		19200	01	19200	
		38400	02	38400	
		57600	03	57600	
		115200	04	115200	
	RTU	N81	00	N81	
		N82	01	N82	
		O81	02	O81	
		E81	03	E81	
	LOCK	0001	01	All parameters are locked out.	
		0010	02	Only first level is adjustable.	
		0011	03	Only first and second levels are adjustable.	

		0100	04	Only first, second and third levels are adjustable.	
	TYPE	TC_J	00	TC J type	
		TC_K	01	TC K type	
		TC_T	02	TC T type	
		TC_R	03	TC R type	
		D-PT	04	D-PT	
		LINE	05	LINE	
		RSP	06	RSP	
	UNIT	No_disp	00	No_disp	available in linear & RSP inputs
		°C	01	°C	
		°F	02	°F	
		%	03	%	available in linear & RSP inputs
		RH	04	RH	available in linear & RSP inputs
		% RH	05	% RH	available in linear & RSP inputs
		PPM	06	PPM	available in linear & RSP inputs
		blank 1	07	blank 1	available in linear & RSP inputs
	DP	0000	00	No decimal point	
		000_0	01	0.1 resolution	
		00_00	02	0.01 resolution	
		0_000	03	0.001 resolution	
	CUT	None	00	No CUT	
		Lo	01	CUT on linear Low	
		Hi	02	CUT on linear High	
		Hi_Lo	03	CUT on linear High & Low	