

RKC Rex B Series

人机默认值

通讯速率：9600, 7, Even, 2 (RS-422)

控制器站号：1

控制区/状态区：None/None

控制器接线的说明

a. RS-422 (DOP-A/AE 系列适用)

DOP 接线端	Controller 接线端
9 pin D-sub male	
RXD- (1)	TA (12)
RXD+ (2)	TB (13)
TXD+ (3)	RB (15)
TXD- (4)	RA (14)
GND (5)	SG (11)

b. RS-422 (DOP-AS35/AS38/AS57 系列适用)

DOP 接线端	Controller 接线端
9 pin D-sub male	
R-	TA (12)
R+	TB (13)
T+	RB (15)
T-	RA (14)
GND	SG (11)

c. RS-422 (DOP-B 系列适用)

DOP 接线端	Controller 接线端
9 pin D-sub male	
RXD- (9)	TA (12)
RXD+ (4)	TB (13)
TXD+ (1)	RB (15)
TXD- (6)	RA (14)
GND (5)	SG (11)

控制器 Read/Write 地址的定义

a. 寄存器

寄存器种类	符号格式	读写地址范围	数据长度	注
	Channel No.(n)			
Temperature measured-value (PV)	M1:n	M1:1 – M1:8	Word	只读, 1
Control output status (Heating-side)	O1:n	O1:1 – O1:8	Word	只读, 1
Control output status (Cooling-side)	O2:n	O2:1 – O2:8	Word	只读, 1
Heater break alarm status	AC:n	AC:1 – AC:8	Byte	只读
Current transformer input value	M2:n	M2:1 – M2:8	Word	只读, 1
Error code	ER:n	ER:1	Word	只读
Communication Error code	EC:n	EC:1	Word	只读
PID/AT identification	G1:n	G1:1 – G1:8	Byte	
Temperature set-value (SV)	S1:n	S1:1 – S1:8	Word	1
Proportional band (Heating-side)	P1:n	P1:1 – P1:8	Word	1
Proportional band (Cooling-side)	P2:n	P2:1 – P2:8	Word	1
Integral time	I1:n	I1:1 – I1:8	Word	
Derivative time	D1:n	D1:1 – D1:8	Word	
Anti-reset windup	W1:n	W1:1 – W1:8	Word	
Deadband	V1:n	V1:1 – V1:8	Word	1
Alarm 1 setting	A1:n	A1:1 – A1:8	Word	1
Alarm 2 setting	A2:n	A2:1 – A2:8	Word	1
Channel used/unused	EI:n	EI:1 – EI:8	Byte	
Proportional cycle (Heating-side)	T0:n	T0:1 – T0:8	Word	

寄存器种类	符号格式	读写地址范围	数据长度	注
	Channel No.(n)			
Proportional cycle (Cooling-side)	T1:n	T1:1 – T1:8	Word	
PV bias	PB:n	PB:1 – PB:8	Word	1
Heater break alarm setting	A3:n	A3:1 – A3:8	Word	1
Memory area execution NO. setting	ZA:n	ZA:1	Byte	
Control response parameter	CA:n	CA:1 – CA:8	Byte	
Output Monitoring time	TU:n	TU:1	Word	
Event function selection	XK:n	XK:1	Byte	

b. 接点

接点种类	符号格式	读写地址范围	注
	Channel No.(b)		
Alarm 1 status	AA:b	AA:1 – AA:8	只读
Alarm 2 status	AB:b	AB:1 – AB:8	只读
Burnout status	B1:b	B1:1 – B1:8	只读
Control run/stop	X1:b	X1:1	
Alarm interlock release	AR:b	AR:1	只读
Event input status	L1:b	L1:1	只读

 **NOTE**

注1 此类型数值输入/显示元件皆必须设定一位小数位数。但温控器是否支持小数数值请参考 RKC 原厂手册。