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RemoDAQ-8520B

User's Manual



Beijing Gemotech Intelligent Technology Co., Ltd

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Acknowledgments

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Additional Information and Assistance

1. Visit the **gemotech** websites at **www. gemotech. cn** where you can find the latest information about the product.
2. Contact your distributor, sales representative, or **gemotech** 's customer service center for technical support if you need additional assistance. Please have the following information ready before you call:

- Product name and serial number
- Description of your peripheral attachments
- Description of your software (operating system, version, application software, etc.)
- A complete description of the problem
The exact wording of any error messages

Table of Contents

1 Introduction	4
2 Function.....	4
3 Pin Assignment.....	4
4 Jumper Setting.....	5
5 Application Wiring	7
RS485 Mode:	7
RS232 Mode:	7

1 Introduction

RemoDAQ-8520B is a module which RS232/485 serial port (Com1) to extend two channels RS232/485 serial port (Com2/3) and three serial ports all can select RS232/485 work mode.

2 Function

- Speed: “Self tuner” inside
- Multiple baudrate: 300 ~ 115200 bps
- Serial port work mode: support RS232/485 mode,select by switch
- Power: +10V ~ +30VDC
- 3000 VDC isolated voltage

3 Pin Assignment

J1 (COM1):

RS-232 mode:

2	TXD1
3	RXD1
5	GND1

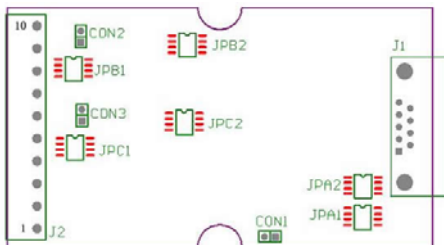
RS-485 mode:

2	DATA1+
3	DATA1-
5	GND1

J2(COM2&COM3):

1	GND1
2	+VS
5	GND3
6	RXD3(DATA3-)
7	TXD3(DATA3+)
8	GND2
9	RXD2(DATA2-)
10	TXD2(DATA2+)

4 Jumper Setting



1. Serial Port for select work mode:

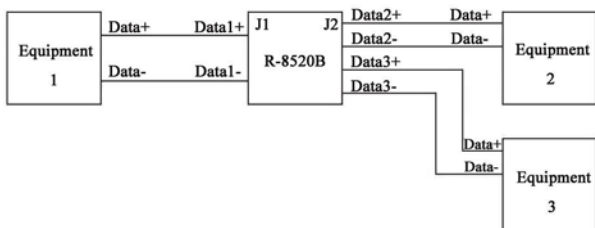
- COM1 (J1):
RS232 mode (Switch JPA1,JPA2): 1,2 ON;3,4 OFF
RS485 mode (Switch JPA1,JPA2): 1,2 OFF;3,4 ON
- COM2 (J2: 8-10):
RS232 mode (Switch JPB1,JPB2): 1,2 ON;3,4 OFF
RS485 mode (Switch JPB1,JPB2): 1,2 OFF;3,4 ON
- COM3 (J2: 5-7):
RS232 mode (Switch JPC1,JPC2): 1,2 ON;3,4 OFF
RS485 mode (Switch JPC1,JPC2): 1,2 OFF;3,4 ON

2. Matching Resistance Setting

When uses the RS485 mode,the corresponding matching resistance designated through will be corresponding jumpers to realize: COM1 connect with CON1, COM2 connect with CON2,COM3 connect with CON3

5 Application Wiring

RS485 Mode:



RS232 Mode:

