AD-4329A-03 RS-422485 INTERFACE

INSTRUCTION MANUAL



1WMPD4003008

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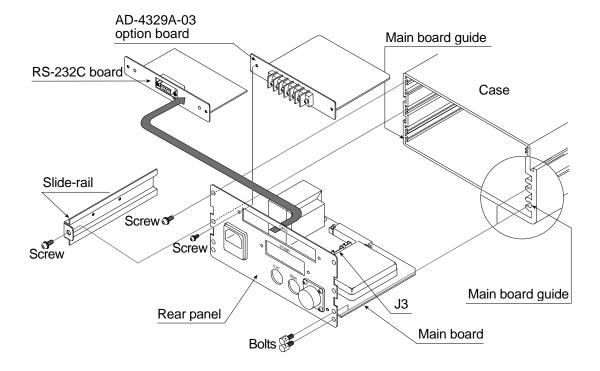
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The contents of this manual and the specifications of the instrument covered by this manual are subject to change for improvement without notice.

1. Installation

Install the AD-4329A-03 option board as described below:

- 1. Remove the power cord and other cables from the indicator.
- 2. Remove four screws and four bolts from the rear panel.
- 3. Remove two slide-rails, one on each side.
- 4. Pull out the rear panel and main board from the case. Then the connector between the main board and the display board may be disconnected smoothly.
- 5. Remove two screws and the RS-232C board from the indicator's rear panel.
- 6. Install the AD-4329A-03 option board on the rear panel from inside. Fasten the board to the rear panel from outside, using the two screws removed in step 5.
- 7. Connect the option cable to the option board connector and to the main board J3 connector, using much care as to the connector direction.
- 8. Insert the main board into the both main board guides. Then the connector between the main board and the display board is re-connected. If the rear panel will not close completely, retry step 8 to insert the main board correctly.
- 9. Attach both slide-rails. Fasten the rear panel using four screws and bolts removed in step 2.



Note: Do not remove or loosen any screws other than those described above.

2. Specifications

AD-4329A-03 RS-422 / 485 interface

Transmission Asynchronous, half-duplex

Baud rate 600, 1200, 2400, 4800, 9600 bps

Data bits 7 bits

Parity bits 1 bit, Even

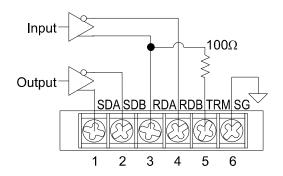
Start bit 1 bit
Stop bit 1 bit
Code ASCII

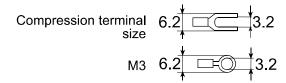
Terminator CR LF (CR: 0Dh, LF: 0Ah)

Number of indicators to be connected Max.10

Terminal M3 compression terminal

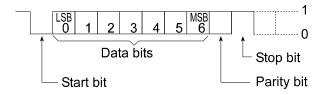
Circuit and Pin Connection





Bit Format

Signal	RS-422 / RS-485
1	SDA < SDB
	RDA < RDB
0	SDA > SDB
	RDA > RDB



Switching between RS-422 and RS-485

Switching between RS-422 and RS-485 is performed by the function setting F-47.

For details on the setting procedure, refer to the AD-4329A instruction manual.

Item	Parameter	Description
RS-422 / RS-485	F-47 O	RS-422 (Factory setting)
	F-47 I	RS-485

Data format and commands are the same as those of RS-232C. For details, refer to the description of RS-232C in the AD-4329A instruction manual.

Connection example

Note: Signal polarities (A, B) of some host computers may be reversed. SG is not available for some host computers.

