Set up the parameters of the servo amplifier (hereinafter called amplifier) to perform the Modbus communications.

(1) Protocol selection

No.	Parameter name	Setting range	Default value	Change
PA2_97	Communication protocol selection	0: PC Loader protocol 1: Modbus RTU	0	Power

→1

Set to 1 (Modbus RTU).

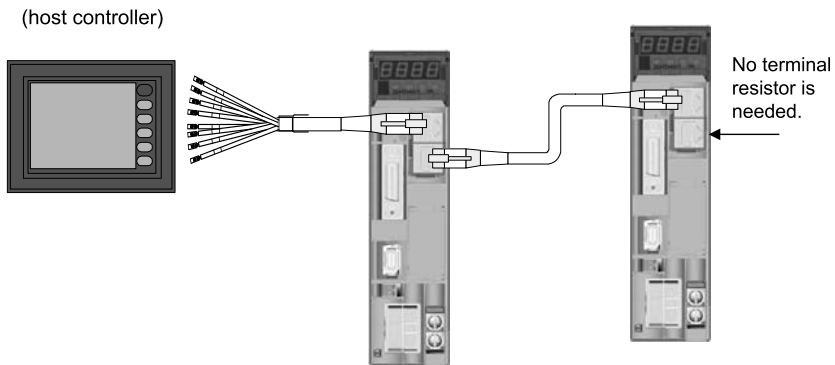Since this parameter is set to 0 (PC Loader protocol) at factory shipment, be sure to change it to 1.

(2) Station number/communication baud rate

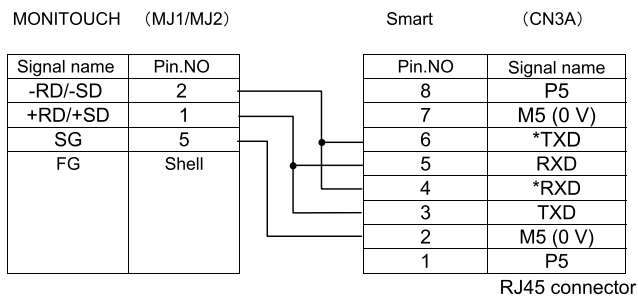| No.	Parameter name	Setting range	Default value	Change
PA2_72	Station number	1 to 31	1	Power
PA2_73	Communication baud rate	0··· 38400 [bps] 1··· 19200 [bps] 2··· 9600 [bps] 3···115200 [bps]	0	Power

Set an amplifier's station number (slave's station number) and a communication baud rate.

(3) Character configuration

No.	Parameter name	Setting range	Default value	Change
PA2_93	Selection of parity/stop bit	0: Even parity with 1 stop bit 1: Odd parity with 1 stop bit 2: No parity with 1 stop bit 3: Even parity with 2 stop bits 4: Odd parity with 2 stop bits 5: No parity with 2 stop bits	0	Power

(host controller)

No terminal resistor is needed.

In case of using Fuji's MONITOUCH

MONITOUCH　（MJ1/MJ2）　　　　　　　　Smart　　　　　（CN3A）

Signal name	Pin.NO		Pin.NO	Signal name
-RD/-SD	2		8	P5
+RD/+SD	1		7	M5 (0 V)
SG	5		6	*TXD
FG	Shell		5	RXD
			4	*RXD
			3	TXD
			2	M5 (0 V)
			1	P5

RJ45 connector

・ Connect between Smart and Smart with a commercial LAN cable (straight).