8.13
ALARM 301 TO 305 (ABSOLUTE PULSE CODER IS FAULTY)

Absolute pulse coder, cable or servo module is faulty.

Countermeasures

1 Agitate the absolute pulse coder cable connected to the main CPU board. If an alarm is issued, replace the cable.

Series 16 main CPU board: JS1A to JS6A
Series 18 main CPU board: JS1A to JS6A

2 Agitate the absolute pulse coder cable connected to the option 2 board. If an alarm is issued, replace the cable.
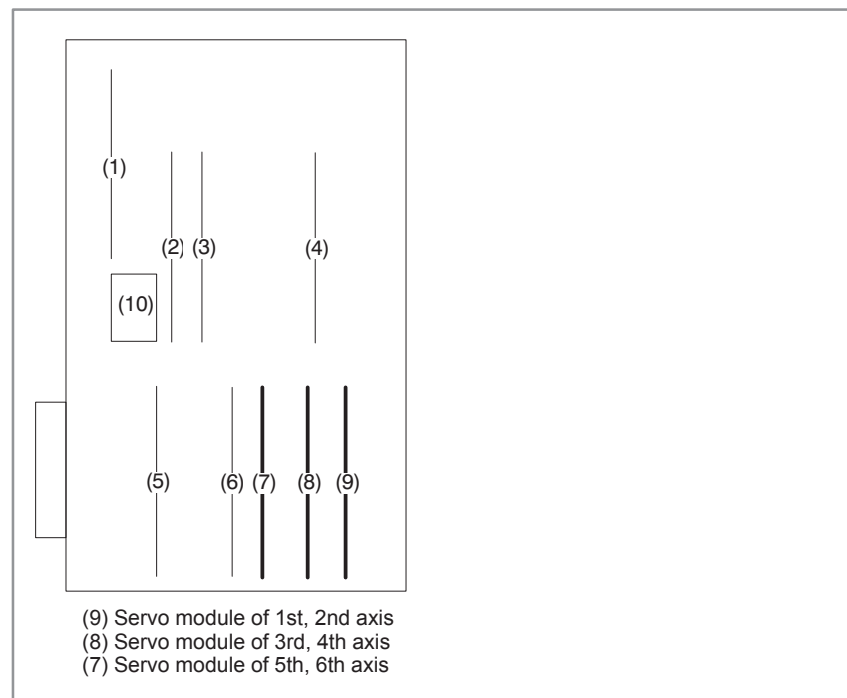
Series 16 option 2 board: JS1A–2 to JS6A–2
Series 18 option 2 board: JS1A–2 to JS4A–2

3 Replace the servo module.

Replace the module corresponding to the axis indicated by the alarm, as shown in the figure below.Servo module specification: A20B–2902–0070 or A20B–2902–0061

<Location of servo module> Main CPU board

(9) Servo module of 1st, 2nd axis
(8) Servo module of 3rd, 4th axis
(7) Servo module of 5th, 6th axis

<Location of servo module> Option 2 board

A16B–2203–0030, –0031, –0033

(1) (2)   (3) (4) (5)

(6) (7) (8)

(6) Servo module of 5th, 6th axis
(7) Servo module of 3rd, 4th axis
(8) Servo module of 1st, 2nd axis