

## 8.23 ALARM 416 (DISCONNECTION ALARM)

Position detection signal line is disconnected or short-circuited.

### Point

Check the details using the CNC's diagnostic function.

DGN	0201	#7	#6	#5	#4	#3	#2	#1	#0
		ALD			EXP				
		↓			↓				
		1	-	-	0	Built-in serial pulse coder disconnection			→JF <sub>x</sub>
		1	-	-	1	Separate type position detector connection			→SCALE <sub>x</sub>
		0	-	-	0	Pulse coder disconnection (software)			Note

### NOTE

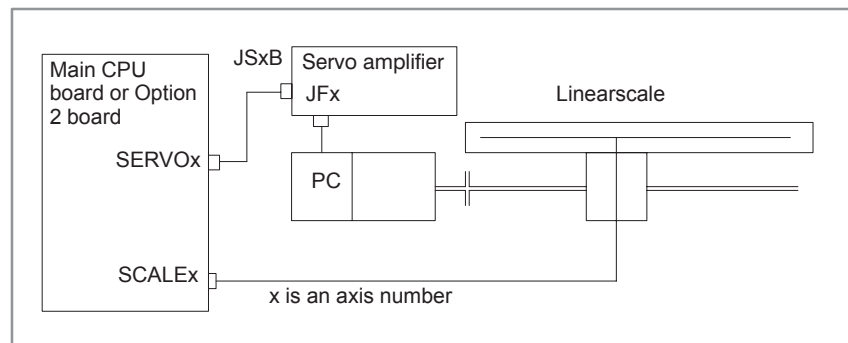
This alarm is related with full-closed system.

### Causes

- 1 Signal cable is disconnected or short-circuited
- 2 Serial pulse coder or position detector is faulty Refer to Note 1
- 3 Main CPU board or option 2 board is faulty Refer to Note 2

### CAUTION

- 1 After the pulse coder is replaced, reference position or machine's standard position is different from former one. Adjust and set it correctly.
- 2 When the main board is replaced, all the data stroed in memory is lost. Set NC data again, referring to chapter 3 "Data input/output" .



From 1st axis to 4th axis are main CPU board. 5th axis or more are option 2 board.