

## 6.23 ALARM 4n7 (DIGITAL SERVO SYSTEM IS ABNORMAL)

Digital servo parameters are abnormal.  
(Digital servo parameters are set incorrectly.)

- **Causes**

- (1) Confirm the setting value of the following parameters:
  - PRM 8n20 : Motor format number
  - PRM 8n22 : Motor rotation direction
  - PRM 8n23 : Number of pulses of velocity feedbacks
  - PRM 8n24 : Number of pulses of position feedback
  - PRM 0269 to 0274 : Servo axis number
  - PRM 8n84 : Flexible feed gear ratio
  - PRM 8n85 : Flexible feed gear ratioConfirm the details with diagnosis function of CNC side.
- (2) Change the setting of this parameter to 0.
  - PRM 8047 : Observer parameter
- (3) Perform initial setting of digital servo parameters.
  - Refer to Sec. 5.1 “Initial Setting of Servo Parameters” .