

Remedy: None. It is just an informational

3.10 K

3.10.1 KALM Alarm Code

Note KALM is for USER Specified Alarm Post included in System Design Tool (J738). This alarm code is for USER ONLY. If FANUC software detects some abnormal status in the robot controller, KALM alarm code is never posted. In case that KALM is posted, verify your robot system, and exercise proper case.

KALM-001 – KALM-200 are for global alarms. KALM-201 – KALM-300 are for local alarms.

Refer to “USER SPECIFIED ALARM POST” section of the *R-30iB CONTROLLER System Design Tool OPERATOR’S MANUAL* for more information.

3.11 L

3.11.1 LANG Alarm Code

3.11.1.1 LANG-004 File is not open

Cause: (1) The wrong port is set to the port you want to use. (2) The device may be out of order.

Remedy: (1) Set the correct port. (2) Check the device if it works fine.

3.11.1.2 LANG-005 Program type is different

Cause: Only able to process teach pendant programs.

Remedy: Select a TPE program.

3.11.1.3 LANG-006 Invalid or corrupted TP file

Cause: A when loading .TP file, invalid data was found. This may occur if a .TP file has become corrupted or if some other type of file e.g., a .PE file, has been copied or renamed to a .TP file.

Remedy: Generate (using SAVE, with \$ASCII_SAVE = FALSE) and load a valid .TP file. Note: An existing TP program in the controller might have been corrupted as a result of your attempt to load the invalid file. You might have to reattach the teach pendant program, before you save it as a .TP file.

3.11.1.4 LANG-014 Program already exists

Cause: The program that is being loaded already exists in the system.

Remedy: Before you load the program, delete the program already in the system.

3.11.1.5 LANG-015 Can not write file

Cause: Failure when writing data to the floppy.

Remedy: Check the connection of the device.

3.11.1.6 LANG-016 Can not read file

Cause: Failure when reading data from the floppy.

Remedy: Check the connection of the device.

3.11.1.7 LANG-017 File format is incorrect

Cause: The data you are trying to save to a file is either abnormal or broken, therefore the file cannot be loaded.

Remedy: The file cannot be loaded with the data as it is. The data must be normal to load the file.

3.11.1.8 LANG-018 Group mask value is incorrect

Cause: When printing the program, there was an illegal position that did not match the group mask of the program.

Remedy: Reteach the position data so that the group number matches the group mask of the program.

3.11.1.9 LANG-050 %s contains %s, program/file names must match

Cause: The file name and the program name are not the same. Their names must match.

Remedy: Rename the file to be same as the program name.

3.11.1.10 LANG-051 Wrong daughter program name

Cause: The daughter program name is not matched with the parent program name.

Remedy: Please verify the daughter program name.

3.11.1.11 LANG-052 Cannot load daughter program(%d)

Cause: The loading of the daughter program failed.

Remedy: Please check the contents of the specified file.

3.11.1.12 LANG-053 Cannot process daughter program

Cause: The save/load/print operation cannot be processed to a daughter program directly.

Remedy: Specify the parent program.

3.11.1.13 LANG-054 Can't load(Reversed repr. disabled)

Cause: The program that cannot be loaded needs J858 option. You might load wrong program to the robot where J858 is not ordered.

Remedy: Please confirm if you are not loading wrong program. Please confirm J858 is ordered in the robot.

3.11.1.14 LANG-055 Can't print(Reversed repr. disabled)

Cause: The program that cannot be printed needs J858 option.

Remedy: Please confirm J858 is ordered in the robot.

3.11.1.15 LANG-056 Print Reversed repr. failed(P:%d,G:%d)

Cause: The positions of program whose handle_part is ON are printed by reversed representation when J858 is ordered, but the print is failed because conversion to reversed representation of a position is failed.

Remedy: Please correct position data and try again

3.11.1.16 LANG-057 Group number too big

Cause: This program was created on a robot which supports groups that are not available on this robot

Remedy: You must upgrade to a later software version

3.11.1.17 LANG-058 Requires extended frame option

Cause: This program was created on a robot which had the extended frame option.

Remedy: You must load the extended frame option and try the program again.

3.11.1.18 LANG-075 Invalid attribute syntax

Cause: The Ascii Input encountered an error in the attribute section.

Remedy: Fix the /ATTR section of the .LS file.

3.11.1.19 LANG-076 Invalid application syntax

Cause: The Ascii Input encountered a syntax error in the application section.

Remedy: Fix the /APPL section of the .LS file.

3.11.1.20 LANG-077 Invalid mnemonic syntax

Cause: The Ascii Input encountered an error in the mnemonic section.

Remedy: Fix the /MN section of the .LS file.

3.11.1.21 LANG-078 Invalid position syntax

Cause: The Ascii Input encountered an error in the position section.

Remedy: Fix the /POS section of the .LS file.

3.11.1.22 LANG-079 Invalid section

Cause: The Ascii Input encountered an invalid section in the program.

Remedy: Fix the invalid section in the .LS file.

3.11.1.23 LANG-080 Invalid filename

Cause: The Ascii Input encountered an invalid filename.

Remedy: Verify the program name matches the name of the .LS file.

3.11.1.24 LANG-081 Invalid application header

Cause: The Ascii Input encountered an error in the application section.

Remedy: Fix the /APPL section of the .LS file.

3.11.1.25 LANG-090 Buffer is too small

Cause: The Ascii Input encountered a program line with too many characters.

Remedy: Shorten the line in the /MN section of the .LS file.

3.11.1.26 LANG-091 Can't print optimize data

Cause: Optimize data exists in the program and this cannot be printed.

Remedy: Special handling may occur for programs which contain optimized data.

3.11.1.27 LANG-094 File already exists

Cause: The specified file already exists in the floppy.

Remedy: Before you write the new file to the floppy, delete the file that already exists on the floppy.

3.11.1.28 LANG-095 File does not exist

Cause: The specified file does not exist in the floppy.

Remedy: Check the file name or content of the floppy.

3.11.1.29 LANG-096 Disk is full

Cause: The floppy disk has reached its limit and is full.

Remedy: Either use a new floppy disk or delete an unnecessary file in order to make room for saving to the floppy.

3.11.1.30 LANG-097 Only one file may be opened

Cause: An attempt was made to open more than one file.

Remedy: Do not attempt to open more than one file at a time.

3.11.1.31 LANG-098 Disk timeout

Cause: It could not access the disk.

Remedy: Check if the correct device is set to port and it turns on.

3.11.1.32 LANG-099 Write protection violation

Cause: The disk has write protection.

Remedy: Remove the write protection.