

ADDITIONAL INFORMATION

FANUC Series 0i/0i Mate-MODEL D
Postscript to PARAMETER MANUAL

Type of applied technical documents

Name	FANUC Series 0i/0i Mate-MODEL D PARAMETER MANUAL
Spec. No. /Ed.	B-64310EN/03

Summary of Change

Group	Name/Outline	New, Add, Correct, Delete	Applied Date
Basic Function	Description of parameter No.11930 has been added.	Add	Sep. 2012.
Optional Function			
Unit			
Maintenance Parts			
Notice			
Correction			
Another			

				FANUC Series 0i/0i Mate-MODEL D	
				Postscript to PARAMETER MANUAL	
01	2012.09.21	M.Ichijou	New registration	DRAW. NO. : B-64310EN/03-1	
EDIT.	DATE	DESIG.	DESCRIPTION	FANUC CORPORATION	1 / 4

FANUC Series 0i/0i Mate-MODEL Postscript to PARAMETER MANUAL

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1 SUMMARY

The following CNC parameter has been added.

- No.11930 1st level execution cycle of ladder

This document is a supplemental manual for above additional parameter.

Other parameters about FANUC Series 0i/0i Mate-MODEL D are described in the following manual.

Manual	Spec.
FANUC Series 0i/0i Mate-MODEL D PARAMETER MANUAL	B-64310EN / 03

In this document, following an abbreviation is used.

Name	Abbreviation
Series 0i/0i Mate-MODEL D	0i/0i Mate-D

2 APPLIED SOFTWARE

The new feature will be applied to the following software.

PMC System software

Software	Drawing number	Series	Edition
Series 0i -MODEL D Series 0i Mate-MODEL D PMC System Software	A02B-0319-H580#40B0	40B0	08 or later.

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3

PARAMETERS OF PMC

3.1

1st level execution cycle of ladder

Add the following in "4.83 PARAMETER OF PMC"

11930

1st level execution cycle of ladder

NOTE

Once this parameters is set, it is necessary to turn off and on the power.

[Input type] Parameter input

[Data type] Byte

[Valid data range] 0, 4, 8

This item specifies the execution cycle for 1st level of ladder.

Setting	Meaning
0, 8	1st level of ladder is executed in 8ms cycle. In this case, the 2nd level of a ladder is started in multiple of 8ms cycle.
4	1st level of ladder is executed in 4ms cycle. In this case, the 2nd level of a ladder is started in multiple of 4ms cycle.



CAUTION

- 1 Setting this parameter to a value other than "0", "4", or "8" results in the PMC alarm "ER55 LEVEL1 EXECUTION CYCLE ERROR", and all PMCs are not executed.
- 2 When this parameter is set "4", the execution frequency of 1st level of ladder becomes double compared with the setting "0" or "8". As a result, the scan time of 2nd level of ladder may increase in some case because execution time for 2nd level decrease.

NOTE

This parameter is effective when the Oi-D package 1. When the Oi-D package 2 and OiMate-D, please be sure to set "0" to this parameter. If you set other than "0" to this parameter, a preset value is ignored and a ladder execution cycle is always set to 8ms now, but it is not guaranteed over the future.

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