

FANUC 0T & FANUC 0M COMMUNICATIONS PARAMETERS

TVON = 0
 ISO = 1
 I/O = 0 (if using port 1), I/O = 2 (if using port 2)
 PWE = 1
 TAPEF = 0

CNC Parameter	Port 1 (M5)	Port 2 (M74)
0002	1xxxxxx1	- -
0050	- -	1xxxxxx1
0038	01xxxxxx	xx01xxxx
0552	10	- -
0253	- -	10

Punching Procedure

Punch NC Parameters - EDIT mode, PARAM screen, EOB + OUTPUT/START
Punch PC Parameters - EDIT mode, DGNOS screen, OUTPUT/START
Punch All Programs - EDIT mode, PRGRM screen, 0-9999, OUTPUT/START
Tool Offsets - EDIT mode, OFFSET screen, OUTPUT/START

Reading Procedure

Load NC Parameters - EDIT mode, PARAM screen, EOB + INPUT
Load PC Parameters - EDIT mode, DGNOS screen, INPUT
Load All Programs - EDIT mode, PRGRM screen, INPUT
Load Tool Offsets - EDIT mode, OFFSET screen, INPUT

Clearing Procedure

Delete All memory - Power On holding RESET + DELETE keys with PWE=1
Delete Parameters - Power On holding RESET key with PWE = 1
Delete Programs - Power On holding DELETE key with PWE = 1

0038								Standard
RSCMD1	DEVFL1	RSCMD2	DEVFL2	FLKY	RSCMD3	DEVFL3		11001000
0002	FOR I/O SETTING = 0 (External RS232 Port)							
NFED	TJHD	PMXY2	PMXY2		ASR33	PPD	STP2	01000011
0012	FOR I/O SETTING = 1 (External RS232 Port)							
NFED	G84S	FXCO	FXCS		ASR33	ZILK	STP2	10000001
0050	FOR I/O SETTING = 2 (Internal Tape Reader)							
NFED				RSASCI			STP2	00000001
0051	FOR I/O SETTING = 3 (Optional Remote Buffer)							
NFED		ECLK	NCKCD	RSASCI	SYNAK	PARTY	STP2	00000000
0552	FOR I/O SETTING = 0 (External RS232 Port)							
BRATE0								10
0553	FOR I/O SETTING = 1 (External RS232 Port)							
BRATE1								11
0250	FOR I/O SETTING = 2 (Internal Tape Reader)							
BRATE2								10
0251	FOR I/O SETTING = 3 (Optional Remote Buffer)							
BRATE3								10

RSCMD1	DEVFL1	I/O DEVICE TO BE USED
0	0	Bubble Cassette
0	1	Floppy Cassette
1	0	RS232, PPR
1	1	New Interface

SETTING VALUE	BAUD RATE
1	50
2	100
3	110
4	150
5	200
6	300
7	600
8	1200
9	2400
10	4800
11	9600
*12	*19200

STP2	NUMBER OF STOP BITS
0	1 Stop Bit
1	2 Stop Bits

NFED	FEED CODE OUTPUT
0	Feed Is Output
1	Feed Is Not Output

* 19200 Baud is for I/O #2 & #3 Only!

25 Pin Connector	PC-25 Pin Connector	25 Pin Connector	PC-9 Pin Connector
SG 7	7 SG	SG 7	5 SG
SD 2	2 SD	SD 2	2 RD
RD 3	3 RD	RD 3	3 SD
RS 4	4 RS	RS 4	7 RS
CS 5	5 CS	CS 5	8 CS
DR 6	6 DR	DR 6	6 DR
CD 8	8 CD	CD 8	1 CD
ER 20	20 ER	ER 20	4 ER