

TABLE 1 FACTORY SET G8000 CONFIGURED DRIVE PARAMETERS

PARAMETER	DATA	UNIT	DESCRIPTION/REMARKS
A1-02	SEE TABLE 2	N/A	CONTROL METHOD SELECTION
b1-01	SEE TABLE 4 OR 5	N/A	FREQUENCY REFERENCE SELECTION 1
b1-02	SEE TABLE 4 OR 5	N/A	RUN COMMAND SELECTION 1
b1-15	SEE TABLE 4 OR 5	N/A	FREQUENCY REFERENCE SELECTION 2
b1-16	SEE TABLE 4 OR 5	N/A	RUN COMMAND SELECTION 2
C6-01	SEE TABLE 3	N/A	DRIVE DUTY RATING
d1-01	10.0	HZ.	FREQUENCY REFERENCE 1 - SEE TABLE 4 OR 5
d1-02	20.0	HZ.	FREQUENCY REFERENCE 2 - SEE TABLE 5
E1-01	208	VOLTS	INPUT VOLTAGE SETTING FOR BASE NUMBER "D_----"
	240(480)		STANDARD INPUT VOLTAGE SETTING
	600		INPUT VOLTAGE SETTING FOR BASE NUMBER "C_----"
E1-05	208	VOLTS	MAXIMUM OUTPUT VOLTAGE FOR BASE NUMBER "D_----"
	230(460)		STANDARD MAXIMUM OUTPUT VOLTAGE SETTING
E2-01	575	AMPS	MAXIMUM OUTPUT VOLTAGE SETTING FOR BASE NUMBER "C_----"
H1-05	---	N/A	MOTOR FULL LOAD AMPS (MUST BE SET BY USER)
H1-06	SEE TABLE 4 OR 5	N/A	MULTI-FUNCTION DIGITAL INPUT TERMINAL S5 FUNCTION SELECTION
H3-02	SEE TABLE 4 OR 5	N/A	MULTI-FUNCTION DIGITAL INPUT TERMINAL S6 FUNCTION SELECTION
H3-06	SEE TABLE 4 OR 5	N/A	TERMINAL A1 FUNCTION SELECTION
H3-09	SEE TABLE 4 OR 5	N/A	TERMINAL A3 FUNCTION SELECTION
o2-03	1	N/A	USER INITIALIZATION FACTORY SET PARAMETER DEFAULT VALUES (FOUND IN A1-03= "1110")
o3-02	1	N/A	COPY ALLOWED SELECTION ENABLED

TABLE 2 G8C FACTORY SET DRIVE PARAMETERS

OPTION	PARAMETER
PRESENT	A1-02
NONE	2 *
TX	3

* = FACTORY 2-WIRE INITIALIZATION DEFAULT SETTING

TABLE 3 G8C FACTORY SET DRIVE PARAMETERS

G8000 CONFIG. MODEL NO. BASE NUMBER G8C(-)xxxx	PARAMETER
	C6-01
	1 *
	0

* = FACTORY 2-WIRE INITIALIZATION DEFAULT SETTING

DRIVE OPERATION MODE SELECTION WITHOUT THE HAND/OFF/AUTO SELECTOR SWITCH OPTION TY

TABLE 4 G8C FACTORY SET DRIVE PARAMETERS

OPTION	G8C FACTORY SET DRIVE PARAMETERS												DRIVE REFERENCE		DRIVE		
	b1-01	b1-02	b1-15	b1-16	H1-05	H1-06	H3-02	H3-06	H3-09	DRIVE KEYPAD	0-10VDC AT TERM. A1	4-20mADC AT TERM. A2, OR 0-10VDC AT TERM. A3	SPEED POT	SERIAL COMM. S1 OR S2	DRIVE TERMINAL	DRIVE KEYPAD	SERIAL COMM.
PRESENT	1 *	1 *	0 *	0 *	3 *	4 *	0 *	2 *	2 *		YES			YES			
NONE +	0	1 *	0 *	0 *	3 *	4 *	0 *	2 *	2 *	d1-01				YES			
NONE	1 *	0	0 *	0 *	3 *	4 *	0 *	2 *	2 *		YES				YES		
NONE	0	0	0 *	0 *	3 *	4 *	0 *	2 *	2 *	d1-01				YES			
TZ +	1 *	1 *	0 *	0 *	3 *	4 *	0 *	2 *	2 *			YES		YES			
TZ	1 *	0	0 *	0 *	3 *	4 *	0 *	2 *	2 *			YES		YES			
TC,TD,TG,TH OR TQ+	3	3	0 *	0 *	3 *	4 *	0 *	2 *	2 *				YES				YES
TC,TD,TG,TH OR TQ	1 *	3	0 *	0 *	3 *	4 *	0 *	2 *	2 *		YES						YES
TC,TD,TG,TH OR TQ	0	3	0 *	0 *	3 *	4 *	0 *	2 *	2 *	d1-01						YES	YES
TC,TD,TG,TH OR TQ	3	1 *	0 *	0 *	3 *	4 *	0 *	2 *	2 *					YES			
TC,TD,TG,TH OR TQ	3	0	0 *	0 *	3 *	4 *	0 *	2 *	2 *					YES			YES
TZ AND (TC,TD,TG,TH OR TQ)	1 *	3	0 *	0 *	3 *	4 *	0 *	2 *	2 *			YES		YES			YES

+ = STANDARD G8000 CONFIGURED SET UP

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DRIVE OPERATION MODE SELECTION WITH THE HAND/OFF/AUTO SELECTOR SWITCH OPTION TY

TABLE 5 G8C FACTORY SET DRIVE PARAMETERS

OPTION	G8C FACTORY SET DRIVE PARAMETERS												DRIVE REFERENCE		DRIVE		
	b1-01	b1-02	b1-15	b1-16	H1-05	H1-06	H3-02	H3-06	H3-09	DRIVE KEYPAD	SIGNAL LEVEL AT TB1 (10) AND (11)	SERIAL COMM. "HAND" POSITION	HAND/OFF/AUTO SWITCH IN THE "HAND" POSITION	RUN/STOP CONTROL	AUTO MODE	AUTO MODE	SERIAL COMM.
PRESENT	1 *	1 *	0 *	0 *	3 *	4 *	0 *	2 *	2 *	d1-02	4 TO 20mADC	YES	YES	YES			
TY +	1 *	1 *	0 *	0 *	3 *	4 *	0 *	2 *	2 *	d1-02	0 TO 10VDC	YES	YES	YES			
TY	1 *	1 *	0 *	0 *	3 *	4 *	0 *	2 *	2 *		4 TO 20mADC	YES	YES	YES			
TY AND TZ +	1 *	1 *	0 *	0 *	3 *	4 *	2 *	2 *	2 *		4 TO 20mADC	YES	YES	YES			
TY AND TZ	1 *	1 *	0 *	0 *	3 *	4 *	2 *	2 *	2 *		0 TO 10VDC	YES	YES	YES			
TY AND (TC,TD,TG,TH OR TQ)	0	1 *	3	3	2	1	0 *	2 *	2 *	d1-01		YES	YES	YES			YES
TY, TZ AND (TC,TD,TG,TH OR TQ)	1 *	1 *	3	3	2	1	0 *	2 *	2 *			YES	YES	YES			YES

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00	INITIAL RELEASE	-	NSL	07/02/18

APPROVED BY: K. FLIERL
 CHECKED BY: K. MALUSIC
 DRAWN BY: N. LAWS

DATE	BY	REVISION
7/2/18	N. LAWS	DRIVE PARAMETERS G8000 CONFIGURED
7/3/18	K. MALUSIC	DRIVE PARAMETERS G8000 CONFIGURED TYPE 3R
7/6/18	K. FLIERL	DRIVE PARAMETERS G8000 CONFIGURED TYPE 3R

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