

UDC 5000 Configuration Record Sheet

Group Prompt	Function Prompt	Value	Factory Setting	Group Prompt	Function Prompt	Value	Factory Setting	
<u>TUNING</u>	PROP BD		1.0	<u>ALGORITHM</u>	CONT ALG		PIDA	
	OR				INPUT 2		DISABL	
	GAIN		1.0		INPUT 3		DISABL	
	RATE MIN		0.00		PID LOOPS		1 or 2	
	RSET MIN		1.0		CONT2ALG		PIDA	
	OR				OUT OVRD		NONE	
	RSET RPM		1.0		INP2 ALG		NONE	
	OR				ATM PRES		760	
	MAN RSET		0		PC CO		0.20	
	PROP BD2		1.0		MATH K		1.00	
	OR				INP3 ALG		NONE	
	GAIN2		1.0		PV HI		1000	
	RATE2 MIN		0.00		PV LO		0	
	RSET2 MIN		1.0					
	OR				<u>OUT ALG</u>	OUT ALG		CURRENT
	RSET2 RPM		1.0			4-20 RNG		100 PCT
	CYCSEC		20			OUT ALG2		CURRENT
	CYC2SEC		20			RLY STATE		3 OFF 4 ON
	SECURITY		0					
	LOCKOUT		CALIB			<u>INPUT 1</u>	IN1 TYPE	
<u>TUNING2</u>	PROP BD3		1.0		XMITTER		LINEAR	
	OR				IN1 HI		1000	
	GAIN3		1.0		IN1 LO		0	
	RATE MIN3		0.00		BIAS IN1		0	
	RSET MIN3		1.0		FILTER 1		1	
	OR				BURNOUT		NONE	
	RSET RPM3		1.0		EMISSIV		0	
	OR							
	MAN RSET3		0		<u>INPUT 2</u>	IN2 TYPE		0-10 MV
	PROP BD4		1.0		XMITTER2		LINEAR	
	OR				IN2 HI		1000	
	GAIN4		1.0		IN1 LO		0	
	RATE4 MIN		0.00		RATIO 2		1.0	
	RSET4MIN		1.0		BIAS IN2		0	
	OR				FILTER 2		1	
	RSET4 RPM		1.0		BURNOUT2		NONE	
CYC3SEC		20		EMISSIV2		0		
CYC4SEC		20		<u>INPUT 3</u>	XMITTER3		LINEAR	
<u>SP RAMP</u>	SP RAMP		DISABL		IN3 HI		1000	
	TIME MIN		3		IN3 LO		0	
	FINAL SP		---		RATIO 3		1.0	
	SP PROG		DISABL		BIAS 3		0	
<u>AUTOTUNE</u>	TUNETYPE		A TUNE		FILTER 3		0	
	ADAPT		DISABL					
	A TUNE		DISABL					
	OUT STEP		20					

Group Prompt	Function Prompt	Value	Factory Setting	Group Prompt	Function Prompt	Value	Factory Setting
CONTROL	PID SETS		1 ONLY	COM	ComSTATE		DISABL
	SW VALUE		0.00		Com ADDR		0
	LSP's		NONE		SHEDTIME		0
	RSPSRC		NONE		PARITY		ODD
	AT BIAS		DISABLE		BAUD		300
	SP TRACK		NONE		UNITS		PERCENT
	PWR MODE		AM SP		CS RATIO		1
	PWR OUT		F'SAFE		CS BAIS		0
	SP HILIM		1000		CS2 RATIO		1
	SP LOLIM		0		CS2 BAIS		0
	ACTION		REVERSE		DMCS SW		5000
	OUT HILIM		100.0		LOOPBACK		DISABL
	OUT LOLIM		0.0				
	I HILIM		100	ALARMS	A1S1 VAL		90
	I LOLIM		0		A1S2 VAL		10
	DROPOFF		0.0		A2S1 VAL		95
	DEADBAND		2.0		A2S2 VAL		5
	OUT HYST		0.5		A1S1TYPE		NONE
	FAILSAFE		0.0		A1S2TYPE		NONE
	PBorGAIN		GAIN		A2S1TYPE		NONE
	MINorRPM		MIN		A2S2TYPE		NONE
					A1SI HL		HI
CONTROL	PV2 SRC		IN2		A1S1 EV		---
2							
	PID SETS		1 ONLY		A1S2 HL		LO
	SW VALUE		0.00		A1S2 EV		---
	LSP's		NONE		A2S1 HL		HI
	RSPSRC		NONE		A2S1 EV		---
	AT BIAS		DISABLE		A2S2 HL		LO
	SP TRACK		NONE		A2S2EV		---
	SP HILIM		1000		AL HYST		0.5
	SP LOLIM		0		ALM ACT		RLY ON
	ACTION		REVERSE				
	OUT HILIM		100.0	DISPLAY	DECIMAL		XXXX
	OUT LOLIM		0.0		DECIMAL2		XXXX
	I HILIM		100		BARGRAPH		DEV
	I LOLIM		0		UNITS		DEG F
	DROPOFF		0.0		UNITS2		DEG F
	DEADBAND		2.0		PWR FREQ		60 HZ
	FAILSAFE		0.0				
OPTIONS	AUX OUT		DISABL				
	4ma VAL		0				
	20ma VAL		0				
	REM SW 1		NONE				