



PROGRAMMING AND TEST PROCEDURE

Step 1 - Mode Change

Put the drive in program mode. Navigate to the Configuration Menu.

```

....CONFIGURATION 2
.....ENABLE GOTO,GETFROM = ENABLED

```

Step 2 - Programming

To program the functionality, navigate to the Digital Input Menu and then configure the Reverse Input.

```

....CONFIGURATION 2
.....DIGITAL INPUTS 3
.....DIP1 (T14) SETUP 4
.....310)DIP1 IP HI VALUE = -100.00 %
.....311)DIP1 IP LO VALUE = 100.00 %
.....GOTO = 342)UIP4 CAL RATIO

```

Step 3 - Mode Change

Put the drive into normal run mode. Navigate to the Configuration Menu.

```

....CONFIGURATION 2
.....ENABLE GOTO,GETFROM = DISABLED

```

Step 4 - Save Parameters

Save your program to the drive's EEPROM.

```

....PARAMETER SAVE 2
....UP KEY TO CONTINUE

```

Press the up key and the bottom line will indicate:

```

.....SAVING

```

Step 5 - Test Your Program

When Terminal 14 (DIP1) is OFF, the drive is in Forward Mode and the UIP4 CAL RATIO is unchanged.

```

....CONFIGURATION 2
.....UNIVERSAL INPUTS 3
.....UIP4 (T4) SETUP 4
.....342)UIP4 CAL RATIO = 1.0000

```

When Terminal 14 (DIP1) is ON, the drive is in Reverse Mode and the UIP4 CAL RATIO inverts the reference.

```

....CONFIGURATION 2
.....UNIVERSAL INPUTS 3
.....UIP4 (T4) SETUP 4
.....342)UIP4 CAL RATIO = -1.0000

```

ISS	DATE	APPROVED
A	02 APR 04	T. COURNOW
B	24 AUG 04	T. COURNOW
C		
D		
E		

<p>40 Log Canoe Circle, Stevensville, MD 21666 phone (410) 604-3400 fax: (410) 604-3500 email: info@bardac.com</p>	SHT. TITLE	REVERSE CONFIGURATION	CUST.	BARDAC CORPORATION	DRN.	T. COURNOW	DWG. NO.	APP03
	DWG. TYPE	PLX APPLICATION NOTES	DIST.	N/A	DESIGN	T. COURNOW	DWG. ISS.	B
	JOB TITLE	APPLICATION MANUAL	P.O.	N/A	SCALE	NONE	JOB NO.	APP03
	LOCATION			USA	SIZE	A4	SHT.	1 OF 1