


REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
P1-D1	INITIAL RELEASE	03/03/2020	GDV




AXIOMATIC

Global Electronic Solutions

12:12 VALVE CONTROLLER

CANopen

P/N: AX020411A



Connector A		Connector C		Connector D		Connector B	
PIN #	FUNCTION	PIN #	FUNCTION	PIN #	FUNCTION	PIN #	FUNCTION
1	UNI IN 1 GND	1	DIG/PWM IN 2	1	BATT+	1	OUT 1
2	UNI IN 2 GND	2	DIG/PWM IN 1	2	BATT-	2	OUT 1 GND
3	UNI IN 3 GND	3	DIG/PWM GND	3	OUT 7	3	OUT 2
4	UNI IN 4 GND	4	CAN_H	4	OUT 7 GND	4	OUT 2 GND
5	UNI IN 5 GND	5	CAN_L	5	OUT 8	5	OUT 3
6	UNI IN 6 GND	6	INPUT 7 GND	6	OUT 8 GND	6	OUT 3 GND
7	UNI IN 6	7	INPUT 7	7	DIG OUT 1	7	OUT 4 GND
8	UNI IN 5	8	+5V REF	8	DIG OUT 2	8	OUT 4
9	UNI IN 4	9	ANALOG GND	9	DIG OUT 3	9	OUT 5 GND
10	UNI IN 3	10	DIG/PWM IN 5	10	DIG OUT 4	10	OUT 5
11	UNI IN 2	11	DIG/PWM IN 4	11	NOT USED	11	OUT 6 GND
12	UNI IN 1	12	DIG PWM IN 3	12	NOT USED	12	OUT 6

Label Detail

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DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED IN DRAWING TOLERANCE ON:				MATERIAL NA		DRAWN EL	DATE 3/3/2020	TITLE 12 Input, 12 Output Valve Controller, CANopen			
FABRICATION X.XXX ± 0.015 X.XX ± 0.01 X.X ± 0.1 ANGLES ± 1.0		MACHINING X.XXX ± 0.005 X.XX ± 0.01 X.X ± 0.1 ANGLES ± 1.0		FINISH NA		CHECKED TF	DATE 4/29/2020	DWG REV D1	DWG NO AX020411A-MD	PART REV P1	
THIRD ANGLE PROJECTION		TOOL INVENTOR SIZE B		APPROVED GDV		DATE 4/29/2020	SCALE 0.65	PART NO AX020411A		SHEET 1 of 1	