


REVISION			
REV	DESCRIPTION	DATE	APPROV
A-D1	release to production (ECN15-0024)	April 30-2015	NM



**6 INPUTS, 5 OUTPUTS  
VALVE CONTROLLER**  
100 mA +5V ref., SAE J1939 1 Mbps

**P/N: AX020510-02**

	Grey Receptacle	Black Receptacle
	PIN #	PIN #
Power -	12	CAN H
Power +	1	CAN L
Output 1-	11	AN In 1/DIG In 1/PWM In 1
Output 1+	2	AN In 2/DIG In 2/PWM In 2
Output 2-	10	AN In 3/DIG In 3/PWM In 3
Output 2+	3	AN In 4/DIG In 4/PWM In 4
Output 3-	9	RS-232_TX
Output 3+	4	RS-232_RX
Output 4-	8	Analog GND, RS-232_GND
Output 4+	5	+5V Reference, 100 mA
Output 5-	7	PWM In 5/Digital In 5
Output 5+	6	PWM In 6/Digital In 6

TOLERANCES				AXIOMATIC TECHNOLOGIES CORPORATION			
fabrication		machining		5915 WALLACE ST. MISSISSAUGA, ON CANADA L4Z1Z8 905-602-9270			
X.XXX	+/- 0.015	X.XXX	+/- 0.005	 <p><b>6 Input, 5 Output Valve Controller, SAEJ1939, 1 Mbps</b></p>			
X.XX	+/- 0.031	X.XX	+/- 0.010				
X.X	+/- 0.031	X.X	+/- 0.015				
fractional	+/- 0.031	fractional	+/- 0.031				
nylon 6/6 housing with silicone gasket				DRAWN	DATE	TITLE	
				CHECKED	DATE	DWG REV	DWG NO
				APPROVED	DATE	SCALE	PART NO
						full	FG-AX020510-02
							SHEET
							1 of 1