



TE Deutsch **DT13-48PABCD-R015** mates with **DT06-12SX-P012**

**AXIOMATIC**  
Global Electronic Solutions  
**12:12 VALVE CONTROLLER**  
SAE J1939  
P/N: AX020410

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

**label detail**

<b>TOLERANCES</b> fabrication +/- 0.015 X.XXX +/- 0.015 X.XX +/- 0.031 X.X +/- 0.031 fractional +/- 0.031 machining +/- 0.001 X.XXX +/- 0.001 X.XX +/- 0.005 X.X +/- 0.015 fractional +/- 0.031		MATERIAL nylon 6/6 30% glass fill housing with a silicone gasket	DRAWN TF CHECKED DL APPROVED DL	DATE 7/28/2015	TITLE 12 Input 12 Output Valve Controller, J1939	DWG REV D2	DWG NO AX020410-MD	PART REV 1	SCALE full	PART NO AX020410-MD	SHEET 1 of 1
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