

## Geneva - RIO - Input/Output Table:

Connector	Pin No.	Color	Function
J1- INPUTS	1	BLUE/RED	12Vdc - B
	2	BLACK/WHITE	0V RETURN#1
	3	GREY or CLEAR	I2C – SERIAL PROTOCOL
	4	BLUE or BLACK	I2C – SERIAL PROTOCOL
	5	BRAID	SHIELD GROUND
	6	RED/WHITE	+24Vdc INPUT A
	7	WHITE/RED	+24Vdc INPUT B
	8	NOT USED	NOT USED
	9	WHITE/BLACK	0V P-RETURN
	10	NOT USED	NOT USED
	11	NOT USED	NOT USED
	12	NOT USED	NOT USED
J2 - OUTPUTS	1	WHITE/BLUE	CHOCOLATE MOTOR
	2	WHITE/PURPLE	SINGLE MIX 1 MOTOR
	3	WHITE/BROWN	SINGLE MIX 2 MOTOR
	4	WHITE/YELLOW	MILK MOTOR
	5	WHITE/ORANGE	SUGAR MOTOR
	6	WHITE/PINK	TEA MOTOR
	7	WHITE/GREEN	DECAFF COFFEE MOTOR
	8	WHITE	COFFEE MOTOR
	9	WHITE/RED	+24Vdc SUPPLY
	10	NOT USED	NOT USED
J3 - OUTPUTS	1	PURPLE	BREWER AIR PUMP
	2	GREEN/BLUE	PRE-MIX WHIPPER
	3	GREEN/BLACK	MILK/SUGAR WHIPPER
	4	NOT USED	NOT USED
	5	BLACK/YELLOW	WATER HEATER SSR
	6	WHITE	NOT USED
	7	BROWN	COFFEE BREWER MOTOR
	8	YELLOW/BLACK	DISPENSE HEAD MOTOR
	9	WHITE/RED	+24Vdc SUPPLY
	10	NOT USED	NOT USED
J4 - OUTPUTS	1	PURPLE/BLACK	CUP DROP MOTOR
	2	PINK/ORANGE	CUP TRANSFER MOTORS – START SIGNAL
	3	GRAY/BLACK	CHOCOLATE VALVE
	4	GRAY/PURPLE	VALVE - SINGLE MIX STATION
	5	GRAY/RED	VALVE – MILK/SUGAR
	6	GRAY/YELLOW	VALVE – HOT WATER
	7	GRAY/ORANGE	VALVE – TEA
	8	GRAY/WHITE	VALVE – COFFEE
	9	WHITE/RED	+24Vdc SUPPLY
	10	NOT USED	NOT USED
J5 - OUTPUTS	1	PINK/RED	CUP STATION LIGHT
	2	ORANGE/GREEN	CUP DOOR MOTOR
	3	WHITE/PINK	COIN RETURN MOTOR
	4	GREEN/ORANGE	CHOCOLATE WHIPPER
	5	GREEN/WHITE	COFFEE WHIPPER
	6	GREEN/RED	WATER INLET VALVE
	7	GREEN	NOT USED
	8	PURPLE	DISPENSE HEAD DIRECTION RELAY
	9	WHITE/RED	+24Vdc SUPPLY
	10	NOT USED	NOT USED
J6 – SIGNAL INPUTS	1	NOT USED	NOT USED
	2	NOT USED	NOT USED
	3	ORANGE/BLACK	BREWER PRESSURE SWITCH 1
	4	ORANGE/YELLOW	BREWER PRESSURE SWITCH 2
	5	BLACK	BREWER INDEX SWITCH 1
	6	BLUE	BREWER INDEX SWITCH 2
	7	NOT USED	NOT USED
	8	GRAY	DISPENSE ARM LIMIT SWITCH 2
	9	BLACK	DISPENSE ARM LIMIT SWITCH COMMON
	10	WHITE	DISPENSE ARM LIMIT SWITCH 1