MODULAR CONVERTER for Existing Robo-Focus Motors

CAT-5e Cable Wire Color	MODULAR RJ45 SOCKET Pin	Function	Modular RJ45 Wire Color	DB-9 FEMALE ROBO-FOCUS Function	Pin	NPM motor lead wire color	Hurst motor lead wire color
ORANGE-WHITE	1	N/C	BLUE	N/A			
ORANGE	2	N/C	ORANGE	N/A			
GREEN-WHITE	3	COIL 1A	BLACK	COIL 1A	4	YELLOW	BLACK
BLUE	4	N/C	RED	N/A			
BLUE-WHITE	5	N/C	GREEN	N/A			
GREEN	6	COIL 1B	YELLOW	COIL 1B	3	ORANGE	WHITE
BROWN-WHITE	7	COIL 2A	BROWN	COIL 2A	2	BLACK	BLUE
BROWN	8	COIL 2B	WHITE	COIL 2B	1	BROWN	RED
				COMMON		RED-RED	BLACK/WHITE/ WHITE-BLUE

NOTES: Modular RJ45 to DB9 converter, cut BLUE, ORANGE, RED, and GREEN wires. On DB9 connector side ONLY pins 1, 2, 3, and 4 are used. Do not connect pins 5, 6, 7, 8, and 9.

Note: Common center-tap wires are tied together on Robo-Focus unipolar motors.

CAT-5e ETHERNET RJ45 SOCKET →

← DB-9 MOTOR CONNECTION (FEMALE DB-9)