

SIGNALS DESCRIPTION

Used connector is an TE Connectivity AMP Connectors model 280522-2



Female connector to be used have the PN: 280515 while pin are: 281556-2

SIGNALS ON CONNECTOR

FRONT VIEW

STEP MOTOR 1

STEP MOTOR 2

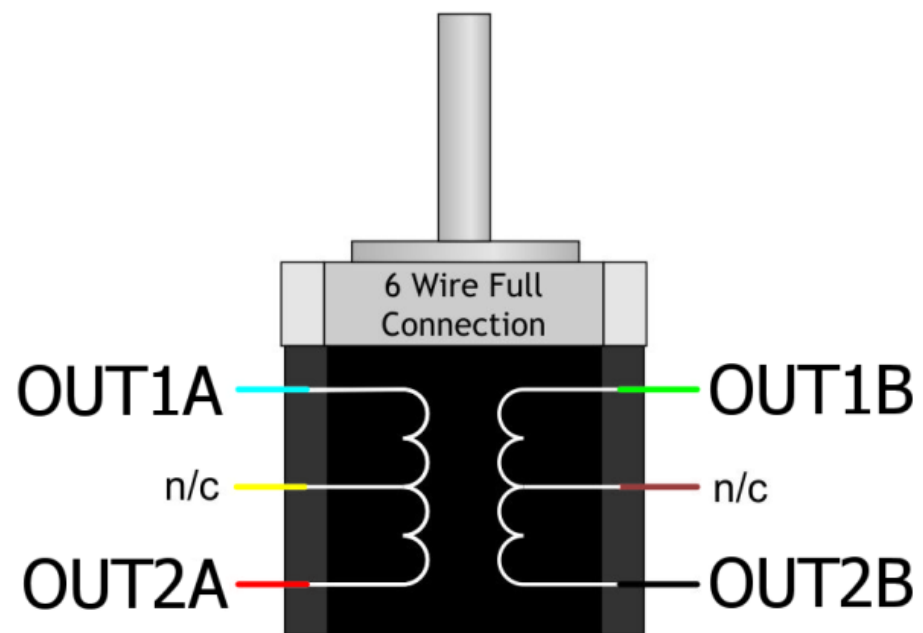
GND	GND	OUT1A	OUT1B	OUT2A	OUT2B	OUT1A	OUT1B	OUT2A	OUT2B	POWER	POWER
1	3	5	7	9	11	13	15	17	19	21	23
2	4	6	8	10	12	14	16	18	20	22	24
A1	K1	A2	K2	A3	K3	A4	K4	E0_A	E0_B	E1_A	E1_B

E0 and E1 are encoder quadrature inputs

Ax = Photo coupler anode, Kx = Photo coupler Cathode

All photo coupler have a series resistor of 1500 ohms

POWER accept a maximum voltage range 9 to 20V



The output 1 and 2 can also be exchanged,
the important thing is that output A feeds one coil and B the other.