

Connecting Encoders to SX, 6000 Series, OEM750X/OEM010 and 6K Series Products

NOTE: When wiring to the connector, make sure there is no tension on the outside (end) wires. Additional wire stripping may be required.

Connector Table

Product	Part Number	Description
SX Series	43-007478-01	13 Pin, Black Connector
ZETA6104	43-014708-01	9 Pin, Connector 3.5mm
6200/OEM6200, AT6200/AT6400	43-008755-01	9-Pin, Connector
OEM750X/OEM010	N/A	25 Pin, "D"
6K Series	N/A	9 Pin, "D"

E Series or -EC Encoder Option

Encoder		SX	6000 Series Products	OEM750X/ OEM010	6K Products
Wire Color	Function	(B leads A)		(A leads B)	
Red	+5V	1	9	N/A	1
Black	Ground	2	2	7	9
Brown	CH A+	3	8	18	3
Brown/White	CH A-	4	7	N/A	2
Green	CH B+	5	6	17	4
Green/White	CH B-	6	5	N/A	5
Orange	CH Z+	7	4	19	6
Orange/White	CH Z-	8	3	N/A	7
Shield/Purple	Shield	11	1	7	Connect to D Shell

-RE/RC or OEM-E83 Encoder Option

Encoder		SX	6000 Series Products	OEM750X/ OEM010	6K Products
Wire Color	Function	(B leads A)		(A leads B)	
Red	+5V	1	9	N/A	1
Black	Ground	2	2	7	9
Brown	CH A+	4	7	17	3
Brown/White	CH A-	3	8	N/A	2
Green	CH B+	5	6	18	4
Green/White	CH B-	6	5	N/A	5
Orange	CH Z+	7	4	19	6
Orange/White	CH Z-	8	3	N/A	7
Shield/Purple	Shield	11	1	7	Connect to D Shell