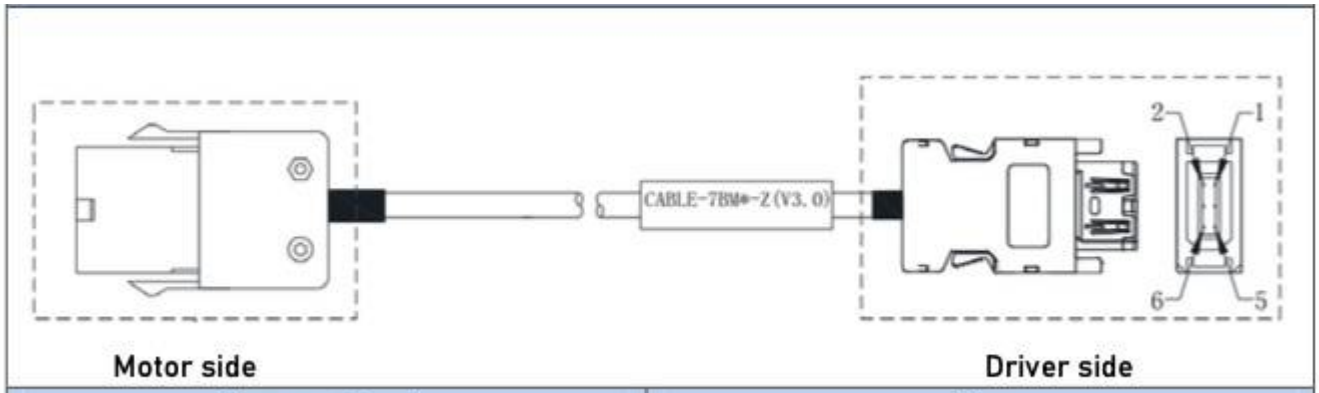
Encoder cables

This page shows the **encoder cables** available for the NL7-EC servo drives. The cables are grouped by motor frame size and by connector type.

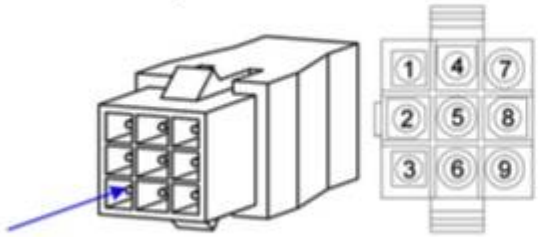
Motor frame size 80 mm or below

AMP connector - CABLE-7BM*-Z(V3.0)



Motor cable pin	Pins

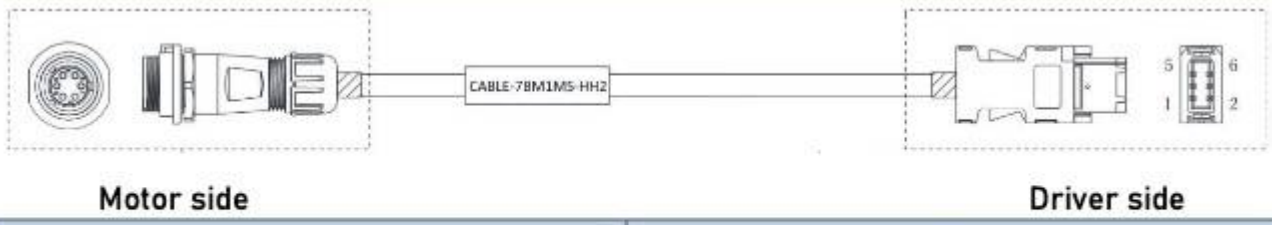
9-pin connector



Motor side

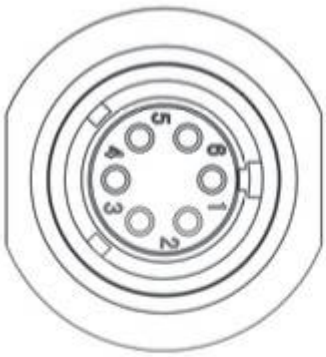
Motor	Driver	Signal
1	Frame	Shielded
2	1	+5V
3	2	0V
4	5	SD+
5	6	SD-
6	3	BAT+
7	4	BAT-

Aviation connector - CABLE-7BM*-HH2



Motor side Driver side

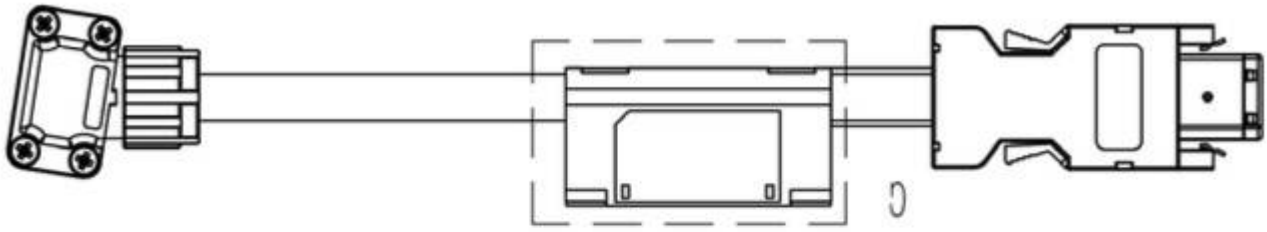
Motor cable pin	Pin



Motor side

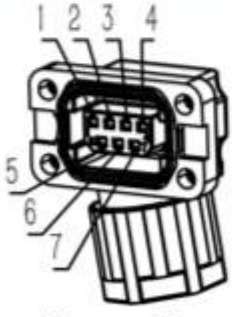
Motor	Driver	Signal
1	Frame	Shielded
2	1	+5V
3	2	0V
4	5	SD+
5	6	SD-
6	3	BAT+
7	4	BAT-

Direct connector - CABLE-BMAH*M*-124-TS - Absolute encoder



Motor side Driver side

Motor cable pin	Pin

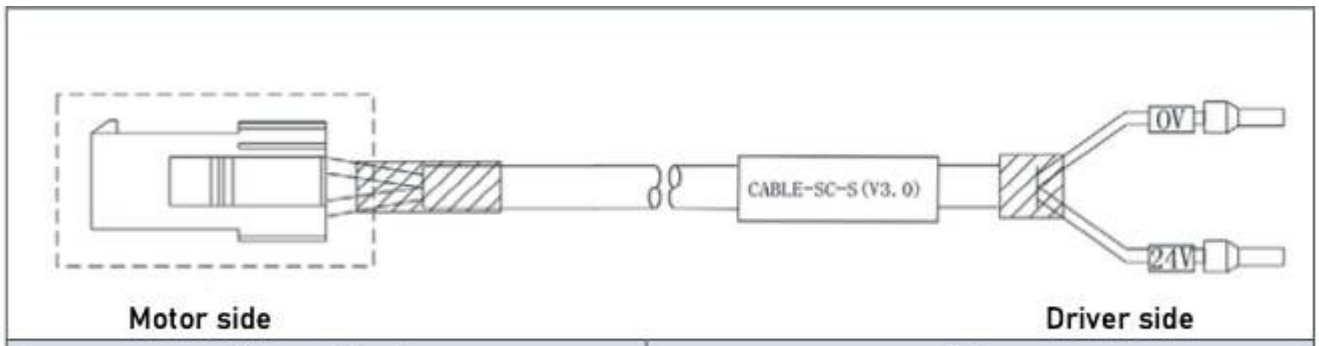


Motor side

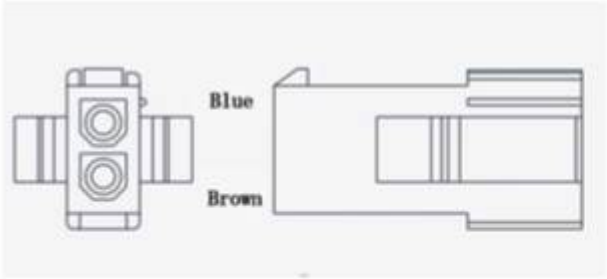
Motor	Driver	Signal
1	Frame	Shielded
2	1	+5V
3	2	0V
4	5	SD+
5	6	SD-
6	3	BAT+
7	4	BAT-

Motor frame size 130 mm

Aviation connector - CABLE-/BM*HZ(V3.0)



Motor cable pin	Pins



Motor	Color	Pin
2	Blue	0V
1	Brown	24V

Notes

- The cable type depends on the motor frame size and the encoder option. - The AMP and aviation connectors are used with the standard feedback; the direct connector is used with the absolute encoder. - Select the cable according to the drive port and the encoder type. - Refer to the ordering code page for the complete cable ordering code.

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