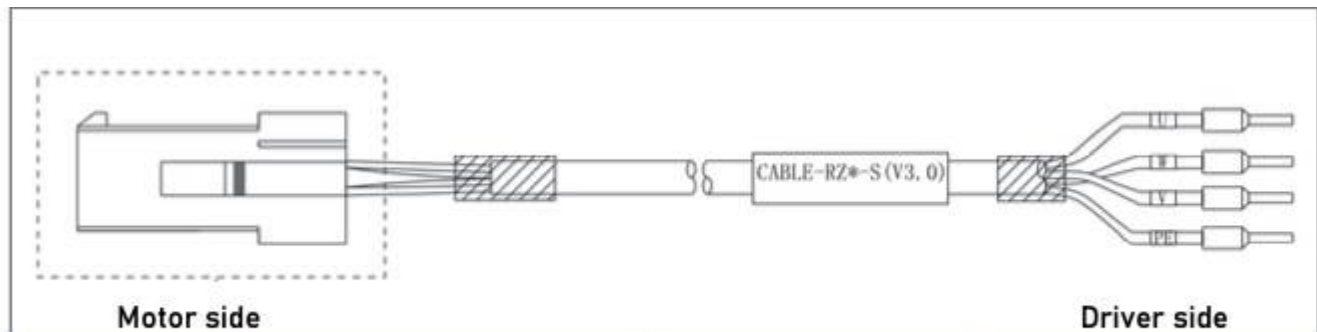


Motor Cables

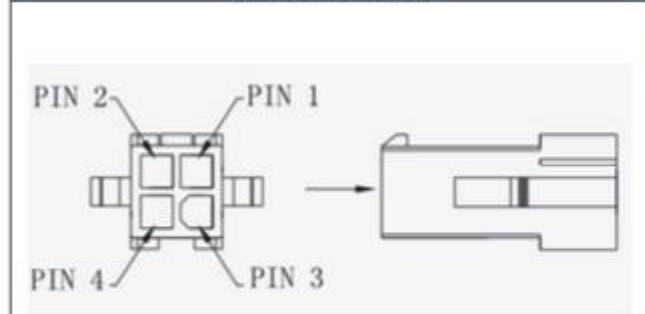
Item
Wire length available: 1.5m, 3m and 5m
Connectors type available: AMP electrical connectors, aviation connectors, direct connectors (recommended)
Please contact Leadshine sales team or any NILAB GmbH certified local retailers for any customized needs

Motor with frame size 80 mm or below

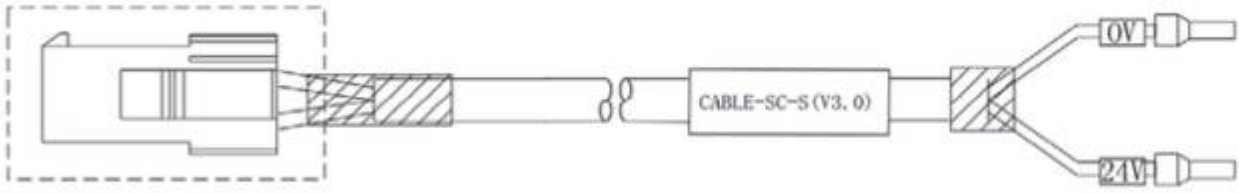
AMP connector - CABLE - RZ*-S(V3.0)



Motor side **Driver side**

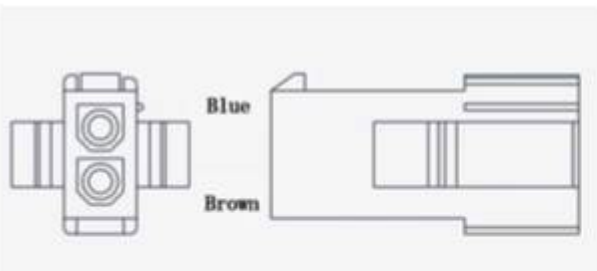
Motor cable pin	Pins															
 Motor side	<table><thead><tr><th>Motor</th><th>Color</th><th>Driver</th></tr></thead><tbody><tr><td>1</td><td>Blue</td><td>U</td></tr><tr><td>3</td><td>Black</td><td>V</td></tr><tr><td>2</td><td>Red</td><td>W</td></tr><tr><td>4</td><td>Yellow-green</td><td>PE</td></tr></tbody></table>	Motor	Color	Driver	1	Blue	U	3	Black	V	2	Red	W	4	Yellow-green	PE
Motor	Color	Driver														
1	Blue	U														
3	Black	V														
2	Red	W														
4	Yellow-green	PE														

AMP electrical connector - Brake - CABLE-SC*-S(V3.0)

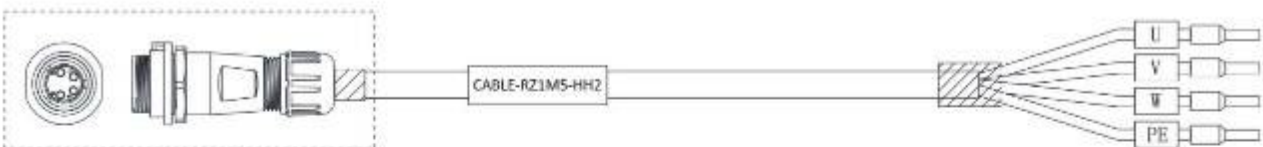


Motor side

Driver side

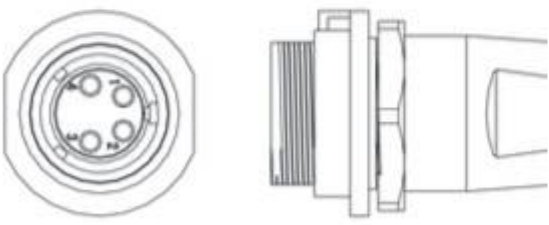
Motor cable pin	Pins									
 Motor side	<table><thead><tr><th>Motor</th><th>Color</th><th>Pin</th></tr></thead><tbody><tr><td>2</td><td>Blue</td><td>0V</td></tr><tr><td>1</td><td>Brown</td><td>24V</td></tr></tbody></table>	Motor	Color	Pin	2	Blue	0V	1	Brown	24V
Motor	Color	Pin								
2	Blue	0V								
1	Brown	24V								

Aviation connector - CABLE-RZ-HH2 (V3.0)

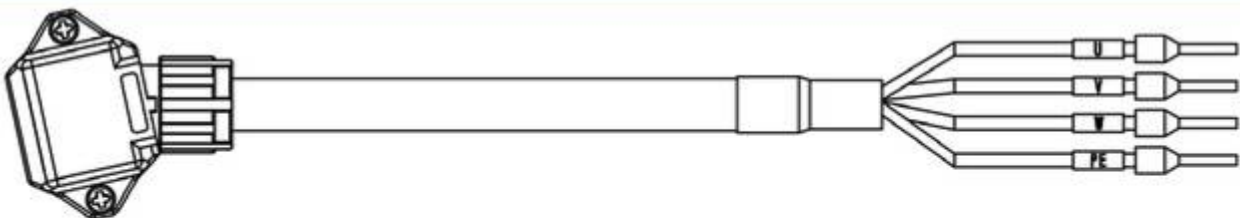
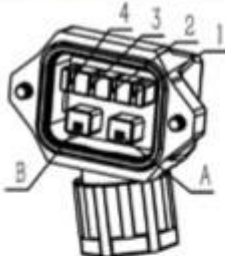


Motor side

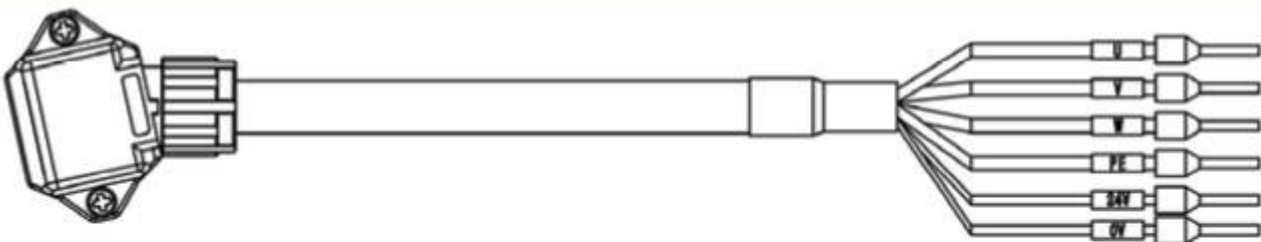
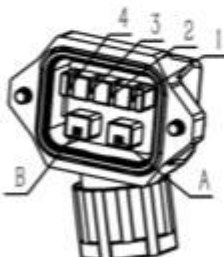
Driver side

Motor cable pin	Pins															
 Motor side	<table><thead><tr><th>Motor</th><th>Color</th><th>Driver</th></tr></thead><tbody><tr><td>1</td><td>Blue</td><td>U</td></tr><tr><td>3</td><td>Black</td><td>V</td></tr><tr><td>2</td><td>Red</td><td>W</td></tr><tr><td>4</td><td>Yellow-green</td><td>PE</td></tr></tbody></table>	Motor	Color	Driver	1	Blue	U	3	Black	V	2	Red	W	4	Yellow-green	PE
Motor	Color	Driver														
1	Blue	U														
3	Black	V														
2	Red	W														
4	Yellow-green	PE														

Direct connector - CABLE-RZH*M*-114-TS without holding brake

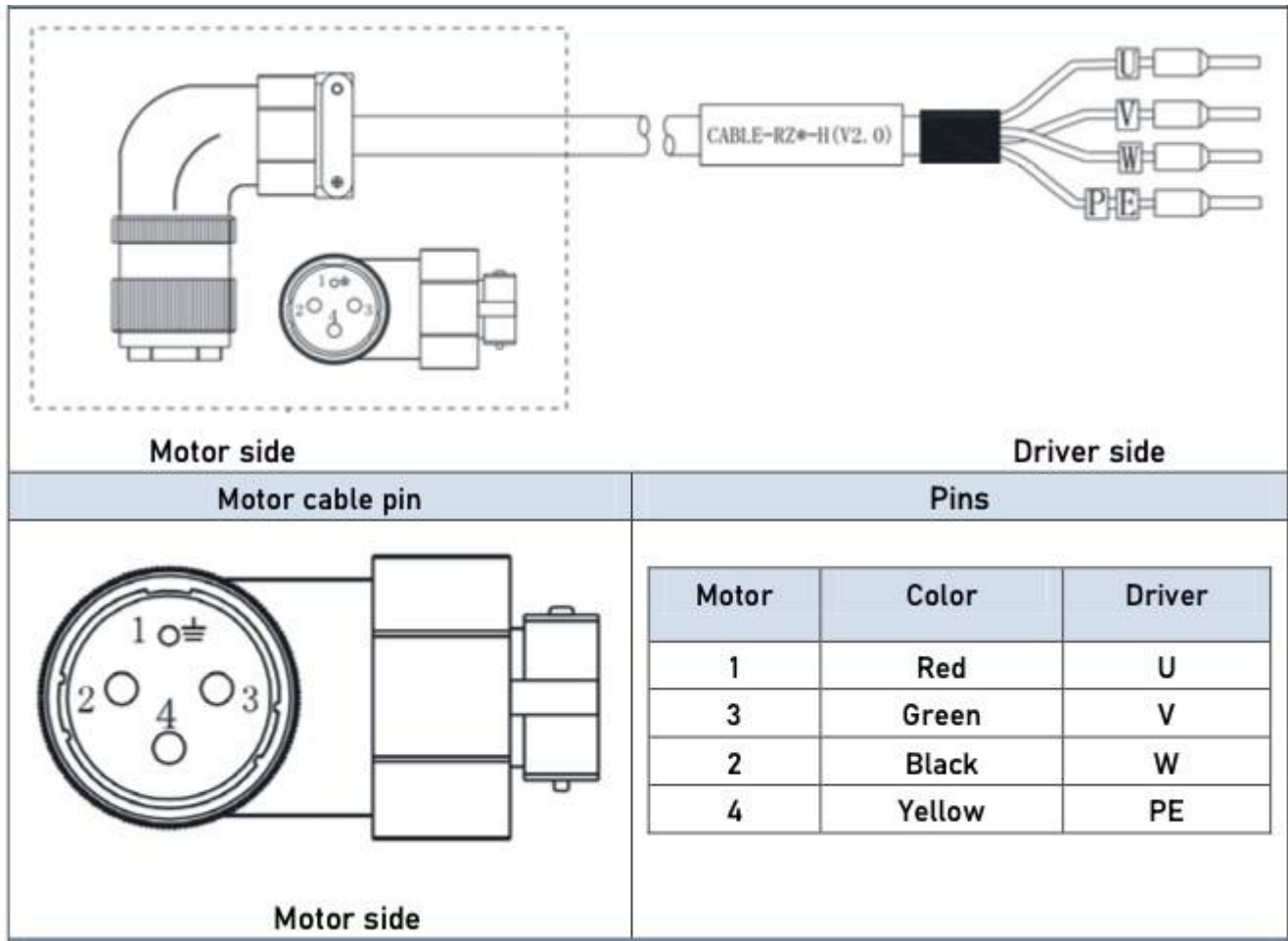
																
Motor side	Driver side															
Driver cable pin	Pins															
	<table><tr><th>Motor</th><th>Color</th><th>Driver</th></tr><tr><td>1</td><td>Blue</td><td>U</td></tr><tr><td>2</td><td>Black</td><td>V</td></tr><tr><td>3</td><td>Red</td><td>W</td></tr><tr><td>4</td><td>Yellow-green</td><td>PE</td></tr></table>	Motor	Color	Driver	1	Blue	U	2	Black	V	3	Red	W	4	Yellow-green	PE
Motor	Color	Driver														
1	Blue	U														
2	Black	V														
3	Red	W														
4	Yellow-green	PE														

Direct connector - holding brake - CABLE-RZH*M*-114-TS

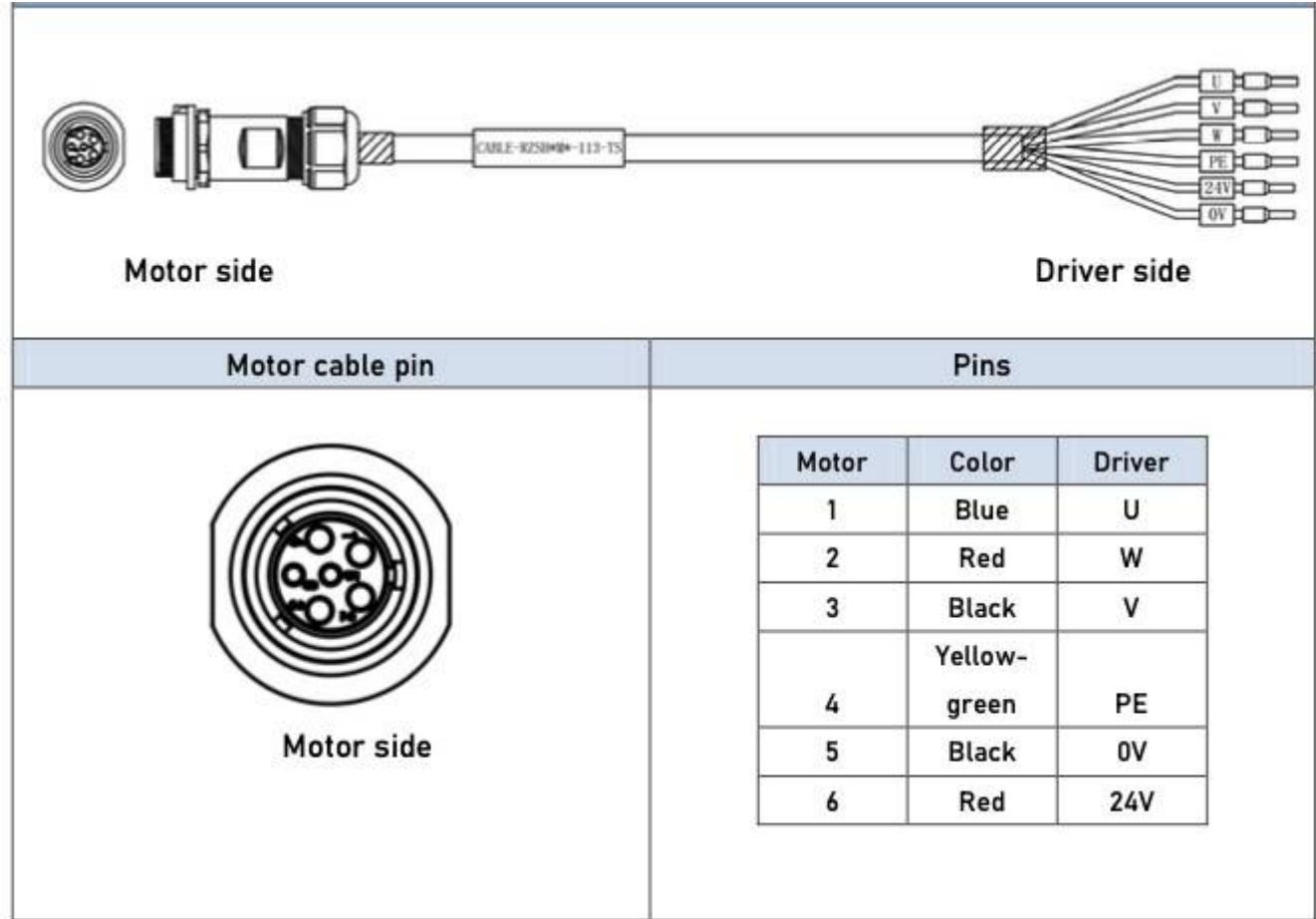
																						
Motor side	Driver side																					
Motor cable pin	Pin																					
	<table><tr><th>Motor</th><th>Color</th><th>Driver</th></tr><tr><td>1</td><td>Blue</td><td>U</td></tr><tr><td>2</td><td>Black</td><td>V</td></tr><tr><td>3</td><td>Red</td><td>W</td></tr><tr><td>4</td><td>Yellow-green</td><td>PE</td></tr><tr><td>A</td><td>Black</td><td>0V</td></tr><tr><td>B</td><td>Red</td><td>24V</td></tr></table>	Motor	Color	Driver	1	Blue	U	2	Black	V	3	Red	W	4	Yellow-green	PE	A	Black	0V	B	Red	24V
Motor	Color	Driver																				
1	Blue	U																				
2	Black	V																				
3	Red	W																				
4	Yellow-green	PE																				
A	Black	0V																				
B	Red	24V																				

Motor with frame size 130 mm

Aviation connector - CABLE-RZ*H(V1.1/V2.0)



Aviation connector - holding brake - CABLE-RZSH*M*-113-TS



From:

<https://dokuwiki.nilab.at/> - NiLAB GmbH Knowledgebase

Permanent link:

https://dokuwiki.nilab.at/doku.php?id=en:nl7_servo:cables

Last update:

2026/09/11 07:58

