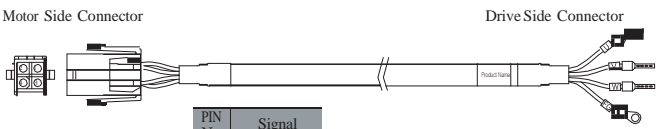
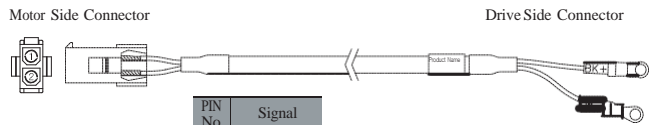
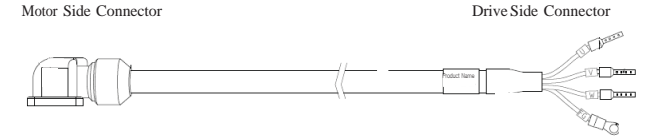
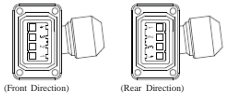


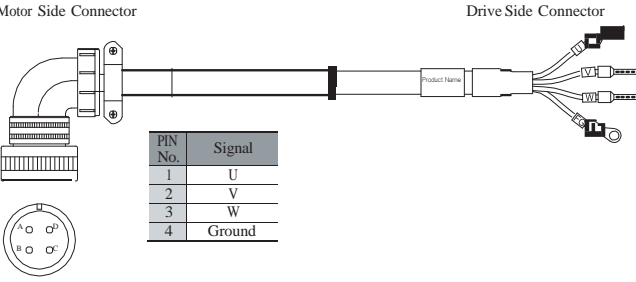
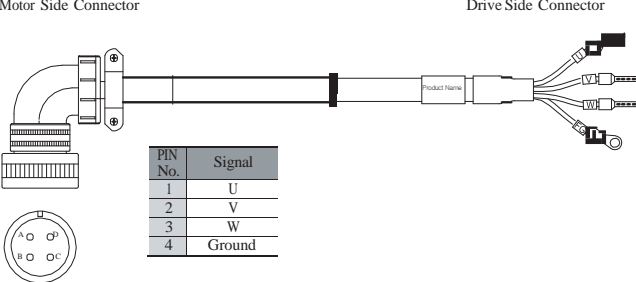
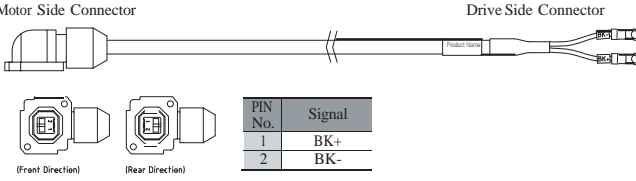
Options and Peripherals

Specifications for Options [Power Cable]

Type	Product Type	Model Name <sup>(Note1)</sup>	Applicable Motor	Specifications										
For Power	Power Cable (Small Capacity)	APCS-P□□□GS	All Models of APM-SA APM-SB APM-SC APM-HB SERIES	 <table border="1" data-bbox="954 683 1082 795"> <thead> <tr> <th>PIN No.</th> <th>Signal</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>U</td> </tr> <tr> <td>2</td> <td>V</td> </tr> <tr> <td>3</td> <td>W</td> </tr> <tr> <td>4</td> <td>Ground</td> </tr> </tbody> </table> <ol style="list-style-type: none"> <li>Motor Side Connector                     <ol style="list-style-type: none"> <li>Cap Spec.(4 Position) : 172159-1(Made by AMP)</li> <li>Socket Spec. : 170362-1(Made by AMP)</li> </ol> </li> <li>Drive Side Connector(U, V, W, FG)                     <ol style="list-style-type: none"> <li>U, V, W Pin Spec. : F1512</li> <li>FG Pin Spec. : 1.5x4(Ring Terminal)</li> </ol> </li> <li>Cable Spec. : 4C×0.75SQ or 4C×18AWG</li> </ol>	PIN No.	Signal	1	U	2	V	3	W	4	Ground
PIN No.	Signal													
1	U													
2	V													
3	W													
4	Ground													
For Power	Brake Cable (Small Capacity)	APC-P□□□KB	All Models of APM-SA APM-SB APM-SC SERIES	 <table border="1" data-bbox="954 1176 1082 1243"> <thead> <tr> <th>PIN No.</th> <th>Signal</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>BK+</td> </tr> <tr> <td>2</td> <td>BK-</td> </tr> </tbody> </table> <ol style="list-style-type: none"> <li>Motor Side Connector                     <ol style="list-style-type: none"> <li>Cap Spec.(2 Position) : 172157-1(Made by AMP)</li> <li>Socket Spec. : 170362-1(Made by AMP)</li> </ol> </li> <li>Drive Side Connector                     <ol style="list-style-type: none"> <li>Connecting terminal Spec. : 1.5-3(Rling Terminal)</li> </ol> </li> <li>Cable Spec. : 2C×0.75SQ or 2C×18AWG</li> </ol>	PIN No.	Signal	1	BK+	2	BK-				
PIN No.	Signal													
1	BK+													
2	BK-													
For Power	Power Cable for Flat Motor (Small Capacity)	APCS-P□□□FS -□	All Models of APM-FB APM-FC SERIES	  <table border="1" data-bbox="1029 1630 1157 1742"> <thead> <tr> <th>PIN No.</th> <th>Signal</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>W</td> </tr> <tr> <td>2</td> <td>V</td> </tr> <tr> <td>3</td> <td>U</td> </tr> <tr> <td>4</td> <td>Ground</td> </tr> </tbody> </table> <ol style="list-style-type: none"> <li>Motor Side Connector                     <ol style="list-style-type: none"> <li>Plug Spec. : KN5FT04SJ1(Made by JAE)</li> <li>Socket Spec. : ST-KN-S-C1B-3500(Made by JAE)</li> </ol> </li> <li>Drive Side Connector(U, V, W, FG)                     <ol style="list-style-type: none"> <li>U, V, W Pin Spec. : F1512</li> <li>FG Pin Spec. : 1.5×4(Ring Terminal)</li> </ol> </li> <li>Cable Spec. : 4C×0.75SQ or 4C 18AWG</li> </ol>	PIN No.	Signal	1	W	2	V	3	U	4	Ground
PIN No.	Signal													
1	W													
2	V													
3	U													
4	Ground													

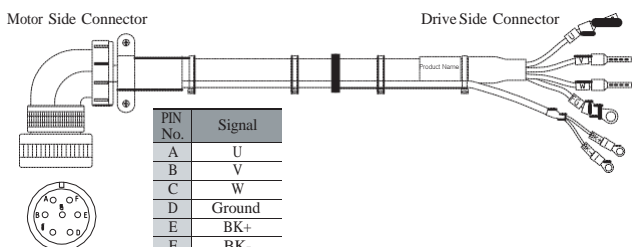
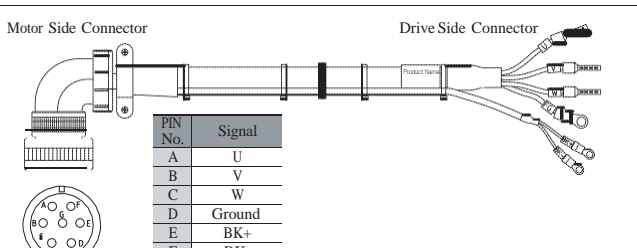
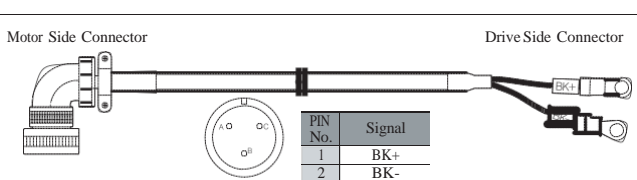
## Options and Peripherals

### Specifications for Options [Power Cable]

Type	Product Type	Model Name <sup>(Note1)</sup>	Applicable Motor	Specifications										
For Power	Power Cable (Middle Capacity)	APCS-P□□□HS	All Models of APM-SE APM-FE APM-HE SERIES	 <table border="1" data-bbox="901 705 1029 817"> <thead> <tr> <th>PIN No.</th> <th>Signal</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>U</td> </tr> <tr> <td>2</td> <td>V</td> </tr> <tr> <td>3</td> <td>W</td> </tr> <tr> <td>4</td> <td>Ground</td> </tr> </tbody> </table> <ol style="list-style-type: none"> <li>Motor Side Connector                     <ol style="list-style-type: none"> <li>Plug Spec. : MS3108B20-4S(Made by MS)</li> </ol> </li> <li>Drive Side Connector                     <ol style="list-style-type: none"> <li>U, V, W Pin Spec. : F2512</li> <li>FG Pin Spec. : 2.5×4(Ring Terminal)</li> </ol> </li> <li>Cable Spec. : 4C×2.55SQ or 4C14AWG</li> </ol>	PIN No.	Signal	1	U	2	V	3	W	4	Ground
PIN No.	Signal													
1	U													
2	V													
3	W													
4	Ground													
For Power	Power Cable (Middle Capacity)	APCS-P□□□IS	All Models of APM-SF APM-SG APM-LF APM-LG APM-FF APM-FG SERIES  <small>Note)Models of 3.5kW or below</small>	 <table border="1" data-bbox="901 1265 1029 1377"> <thead> <tr> <th>PIN No.</th> <th>Signal</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>U</td> </tr> <tr> <td>2</td> <td>V</td> </tr> <tr> <td>3</td> <td>W</td> </tr> <tr> <td>4</td> <td>Ground</td> </tr> </tbody> </table> <ol style="list-style-type: none"> <li>Motor Side Connector                     <ol style="list-style-type: none"> <li>Plug Spec. : MS3108B22-22S(Made by MS)</li> </ol> </li> <li>Drive Side Connector                     <ol style="list-style-type: none"> <li>U, V, W Pin Spec. : F2512</li> <li>FG Pin Spec. : 2.5×4(Ring Terminal)</li> </ol> </li> <li>Cable Spec. : 4C×2.55SQ or 4C14AWG</li> </ol>	PIN No.	Signal	1	U	2	V	3	W	4	Ground
PIN No.	Signal													
1	U													
2	V													
3	W													
4	Ground													
For Power	Brake Cable for Flat Motor (Small Capacity)	APCS-B□□□QS -□	All Models of APM-FB APM-FC SERIES  <small>Note)Model name for direction of Connector Front : APCS-B□□□QS Rear : APCS-B□□□QS-R</small>	 <table border="1" data-bbox="997 1758 1125 1836"> <thead> <tr> <th>PIN No.</th> <th>Signal</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>BK+</td> </tr> <tr> <td>2</td> <td>BK-</td> </tr> </tbody> </table> <ol style="list-style-type: none"> <li>Motor Side Connector                     <ol style="list-style-type: none"> <li>Plug Spec. : KN5FT02SJ1</li> </ol> </li> <li>Drive Side Connector                     <ol style="list-style-type: none"> <li>Socket Spec. : ST-KN-S-C1B-3500</li> </ol> </li> <li>Cable Spec. : 2C×0.75SQ or 2C×18AWG</li> </ol>	PIN No.	Signal	1	BK+	2	BK-				
PIN No.	Signal													
1	BK+													
2	BK-													

Options and Peripherals

Specifications for Options [Power Cable]

Type	Product Type	Model Name <sup>(Note1)</sup>	Applicable Motor	Specifications														
For Power	Power Cable (Brake Type)	APCS-P□□□NB	All Models of APM-SE APM-FE SERIES	 <table border="1"> <thead> <tr> <th>PIN No.</th> <th>Signal</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>U</td> </tr> <tr> <td>B</td> <td>V</td> </tr> <tr> <td>C</td> <td>W</td> </tr> <tr> <td>D</td> <td>Ground</td> </tr> <tr> <td>E</td> <td>BK+</td> </tr> <tr> <td>F</td> <td>BK-</td> </tr> </tbody> </table> <ol style="list-style-type: none"> <li>Motor Side Connector                     <ol style="list-style-type: none"> <li>Plug Spec. : MS3108B20-15S(Made by MS)</li> </ol> </li> <li>Drive Side Connector                     <ol style="list-style-type: none"> <li>U, V, W Pin Spec. : F2012</li> <li>Cable Spec. : 4C×2.5SQ or 4C×14AWG</li> <li>FG Pin Spec. : 2.5×4(Ring Terminal)</li> </ol> </li> <li>Brake Power Connector                     <ol style="list-style-type: none"> <li>BK Pin Spec. : 1.5×3(Ring Terminal)</li> <li>Cable Spec. : 2C×0.75SQ or 2C×18AWG</li> </ol> </li> </ol>	PIN No.	Signal	A	U	B	V	C	W	D	Ground	E	BK+	F	BK-
PIN No.	Signal																	
A	U																	
B	V																	
C	W																	
D	Ground																	
E	BK+																	
F	BK-																	
For Power	Power Cable (Brake Type)	APCS-P□□□PB	All Models of APM-SF APM-SG APM-LF APM-LG APM-FF APM-FG SERIES  Note)Models of 3.5kW or below	 <table border="1"> <thead> <tr> <th>PIN No.</th> <th>Signal</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>U</td> </tr> <tr> <td>B</td> <td>V</td> </tr> <tr> <td>C</td> <td>W</td> </tr> <tr> <td>D</td> <td>Ground</td> </tr> <tr> <td>E</td> <td>BK+</td> </tr> <tr> <td>F</td> <td>BK-</td> </tr> </tbody> </table> <ol style="list-style-type: none"> <li>Motor Side Connector                     <ol style="list-style-type: none"> <li>PLUG Spec. : MS3108B24-10S(Made by MS)</li> </ol> </li> <li>Drive Side Connector                     <ol style="list-style-type: none"> <li>U, V, W Pin Spec. : F2512</li> <li>Cable Spec. : 4C×2.5SQ or 4C×2.5AWG</li> <li>FG Pin Spec. : 2.5×4(Ring Terminal)</li> </ol> </li> <li>Brake Power Connector                     <ol style="list-style-type: none"> <li>BK Pin Spec. : 1.5×3(Ring Terminal)</li> <li>Cable Spec. : 2C×0.75S or 2C×18AWG</li> </ol> </li> </ol>	PIN No.	Signal	A	U	B	V	C	W	D	Ground	E	BK+	F	BK-
PIN No.	Signal																	
A	U																	
B	V																	
C	W																	
D	Ground																	
E	BK+																	
F	BK-																	
For Power	Power Cable (Brake Type)	APC-P□□□SB	All Models of APM-SG APM-LG APM-FG SERIES	 <table border="1"> <thead> <tr> <th>PIN No.</th> <th>Signal</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>BK+</td> </tr> <tr> <td>2</td> <td>BK-</td> </tr> </tbody> </table> <ol style="list-style-type: none"> <li>Motor Side Connector                     <ol style="list-style-type: none"> <li>PLUG Spec. : MS3108B 14S-7S(Made by MS)</li> </ol> </li> <li>Drive Side Connector                     <ol style="list-style-type: none"> <li>Connecting terminal Spec. : 1.5×3(Ring Terminal)</li> </ol> </li> <li>Cable Spec. : 2C×0.75SQ or 2C×19AWG</li> </ol>	PIN No.	Signal	1	BK+	2	BK-								
PIN No.	Signal																	
1	BK+																	
2	BK-																	

Note1) □□□ of Model Name indicates the kind and length of cable. And the declaration is as below.

Cable Length(m)	3	5	10	20
Robotic Cable(F)	F03	F05	F10	F20
General Cable(N)	N03	N05	N10	N20