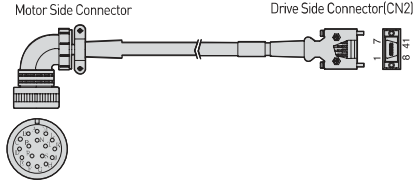
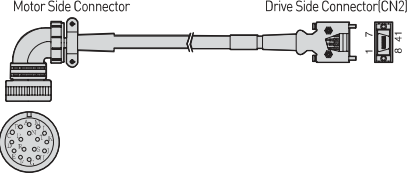


Type	Product Type	Model Name	Applicable Drive	Applicable Motor	Specifications																																																																								
For Signal	H Series Cable (Middle Capacity)	APCS-E□□□BS	L7SA□□□A L7NHA□□□U L7PA□□□U L7NH□□□U	All Models of APM(C)-HE Series	 <table border="1" data-bbox="841 674 1276 884"> <thead> <tr> <th>PIN No.</th> <th>Encoder Signal</th> <th>PIN No.</th> <th>Encoder Signal</th> <th>PIN No.</th> <th>Encoder Signal</th> <th>PIN No.</th> <th>Encoder Signal</th> </tr> </thead> <tbody> <tr><td>A</td><td>A</td><td>M</td><td>V</td><td>1</td><td>W</td><td>8</td><td>Z̄</td></tr> <tr><td>B</td><td>Ā</td><td>N</td><td>V̄</td><td>2</td><td>W̄</td><td>9</td><td>Z</td></tr> <tr><td>C</td><td>B</td><td>P</td><td>W</td><td>3</td><td>V</td><td>10</td><td>B̄</td></tr> <tr><td>D</td><td>B̄</td><td>R</td><td>W̄</td><td>4</td><td>V̄</td><td>11</td><td>B</td></tr> <tr><td>E</td><td>Z</td><td>H</td><td>+5V</td><td>5</td><td>U</td><td>12</td><td>Ā</td></tr> <tr><td>F</td><td>Z̄</td><td>G</td><td>OV</td><td>6</td><td>Ū</td><td>13</td><td>A</td></tr> <tr><td>K</td><td>U</td><td>J</td><td>SHIELD</td><td>7</td><td>OV</td><td>14</td><td>+5V</td></tr> <tr><td>L</td><td>Ū</td><td></td><td></td><td></td><td>PLATE</td><td></td><td>SHIELD</td></tr> </tbody> </table> <p data-bbox="841 884 1166 905">[Motor Side Connector] [Driver Side Connector]</p> <ol style="list-style-type: none"> <li><b>Motor Side Connector (MS : Military Standard)</b> <ul style="list-style-type: none"> <li>Plug Spec. : MS3108A20-29S</li> </ul> </li> <li><b>Drive Side Connector (CN2)</b> <ul style="list-style-type: none"> <li>Case Spec. : 10314-52A0-008(3M) or SM-14J(Suntone)</li> <li>Connector Spec. : 10114-3000VE(3M) or SM-14J(Suntone)</li> </ul> </li> <li><b>Cable Spec. : 7P × 0.25Q or 7P × AWG24</b></li> </ol>	PIN No.	Encoder Signal	PIN No.	Encoder Signal	PIN No.	Encoder Signal	PIN No.	Encoder Signal	A	A	M	V	1	W	8	Z̄	B	Ā	N	V̄	2	W̄	9	Z	C	B	P	W	3	V	10	B̄	D	B̄	R	W̄	4	V̄	11	B	E	Z	H	+5V	5	U	12	Ā	F	Z̄	G	OV	6	Ū	13	A	K	U	J	SHIELD	7	OV	14	+5V	L	Ū				PLATE		SHIELD
					PIN No.	Encoder Signal	PIN No.	Encoder Signal	PIN No.	Encoder Signal	PIN No.	Encoder Signal																																																																	
A	A	M	V	1	W	8	Z̄																																																																						
B	Ā	N	V̄	2	W̄	9	Z																																																																						
C	B	P	W	3	V	10	B̄																																																																						
D	B̄	R	W̄	4	V̄	11	B																																																																						
E	Z	H	+5V	5	U	12	Ā																																																																						
F	Z̄	G	OV	6	Ū	13	A																																																																						
K	U	J	SHIELD	7	OV	14	+5V																																																																						
L	Ū				PLATE		SHIELD																																																																						
For Signal	F Series Motor S-turn Encoder Cable (Middle Capacity)	APCS-E□□□DS	L7S□□□B L7NH□□□□U L7PA□□□U L7NH□□□□U L7CA□□□U	All Models of APM(C)-FE/FEP/FF/FFP/FG/FGP Series	 <table border="1" data-bbox="841 1304 1276 1514"> <thead> <tr> <th>PIN No.</th> <th>Encoder Signal</th> <th>PIN No.</th> <th>Encoder Signal</th> <th>PIN No.</th> <th>Encoder Signal</th> <th>PIN No.</th> <th>Encoder Signal</th> </tr> </thead> <tbody> <tr><td>A</td><td>MA</td><td>M</td><td>-</td><td>1</td><td>-</td><td>8</td><td>-</td></tr> <tr><td>B</td><td>MĀ</td><td>N</td><td>-</td><td>2</td><td>-</td><td>9</td><td>-</td></tr> <tr><td>C</td><td>SLO</td><td>P</td><td>-</td><td>3</td><td>MA</td><td>10</td><td>-</td></tr> <tr><td>D</td><td>SĪO</td><td>R</td><td>-</td><td>4</td><td>MĀ</td><td>11</td><td>-</td></tr> <tr><td>E</td><td>-</td><td>H</td><td>+5V</td><td>5</td><td>SLO</td><td>12</td><td>-</td></tr> <tr><td>F</td><td>-</td><td>G</td><td>OV</td><td>6</td><td>SĪO</td><td>13</td><td>-</td></tr> <tr><td>K</td><td>-</td><td>J</td><td>SHIELD</td><td>7</td><td>OV</td><td>14</td><td>+5V</td></tr> <tr><td>L</td><td>-</td><td></td><td></td><td></td><td>PLATE</td><td></td><td>SHIELD</td></tr> </tbody> </table> <p data-bbox="841 1514 1166 1535">[Motor Side Connector] [Driver Side Connector]</p> <ol style="list-style-type: none"> <li><b>Motor Side Connector (MS : Military Standard)</b> <ul style="list-style-type: none"> <li>Plug Spec. : MS3108B20-29S</li> </ul> </li> <li><b>Drive Side Connector (CN2)</b> <ul style="list-style-type: none"> <li>Case Spec. : 10314-52A0-008(3M) or SM-14J(Suntone)</li> <li>Connector Spec. : 10114-3000VE(3M) or SM-14J(Suntone)</li> </ul> </li> <li><b>Cable Spec. : 3P × 0.25Q or 3P × 24AWG</b></li> </ol>	PIN No.	Encoder Signal	PIN No.	Encoder Signal	PIN No.	Encoder Signal	PIN No.	Encoder Signal	A	MA	M	-	1	-	8	-	B	MĀ	N	-	2	-	9	-	C	SLO	P	-	3	MA	10	-	D	SĪO	R	-	4	MĀ	11	-	E	-	H	+5V	5	SLO	12	-	F	-	G	OV	6	SĪO	13	-	K	-	J	SHIELD	7	OV	14	+5V	L	-				PLATE		SHIELD
					PIN No.	Encoder Signal	PIN No.	Encoder Signal	PIN No.	Encoder Signal	PIN No.	Encoder Signal																																																																	
A	MA	M	-	1	-	8	-																																																																						
B	MĀ	N	-	2	-	9	-																																																																						
C	SLO	P	-	3	MA	10	-																																																																						
D	SĪO	R	-	4	MĀ	11	-																																																																						
E	-	H	+5V	5	SLO	12	-																																																																						
F	-	G	OV	6	SĪO	13	-																																																																						
K	-	J	SHIELD	7	OV	14	+5V																																																																						
L	-				PLATE		SHIELD																																																																						

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

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

Note2) □ □ □ of model name indicates the capacity of drive. And the declaration is as page 16/ 28/ 40/ 50 / 56.

Options and Accessories