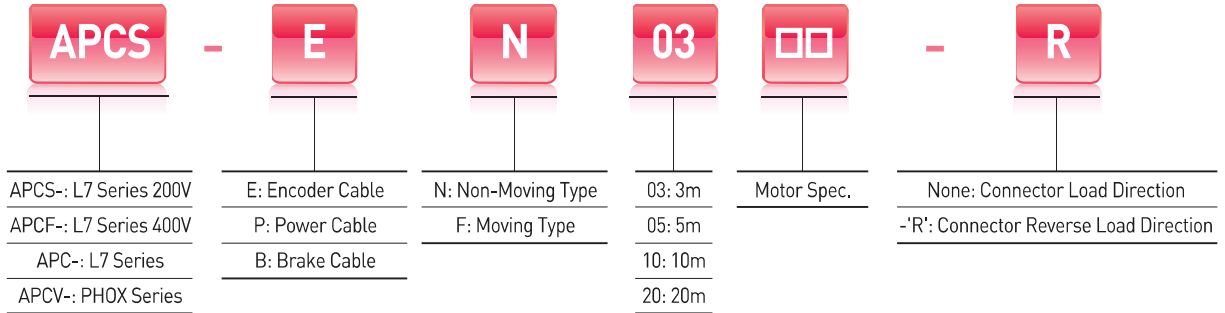


Designation



Signal Cable

Type	Product Type	Model Name ^[Note1]	Applicable Drive ^[Note2]	Applicable Motor	Specifications																																																																											
For Signal	H Series Cable (Small Capacity)	APCS- E□□□ AS	L7SA□□□A L7NHA□□□U L7PA□□□U L7NHF□□□U	All Models of APM(C)-HB Series																																																																												
					<table border="1"> <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>1</td> <td>A</td> <td>9</td> <td>V</td> <td>1</td> <td>W</td> <td>8</td> <td>Z̄</td> </tr> <tr> <td>2</td> <td>Ā</td> <td>10</td> <td>V̄</td> <td>2</td> <td>W̄</td> <td>9</td> <td>Z</td> </tr> <tr> <td>3</td> <td>B</td> <td>11</td> <td>W</td> <td>3</td> <td>V</td> <td>10</td> <td>B̄</td> </tr> <tr> <td>4</td> <td>B̄</td> <td>12</td> <td>W̄</td> <td>4</td> <td>V̄</td> <td>11</td> <td>B</td> </tr> <tr> <td>5</td> <td>Z</td> <td>13</td> <td>+5V</td> <td>5</td> <td>U</td> <td>12</td> <td>Ā</td> </tr> <tr> <td>6</td> <td>Z̄</td> <td>14</td> <td>0V</td> <td>6</td> <td>Ū</td> <td>13</td> <td>A</td> </tr> <tr> <td>7</td> <td>U</td> <td>15</td> <td>SHIELD</td> <td>7</td> <td>0V</td> <td>14</td> <td>+5V</td> </tr> <tr> <td>8</td> <td>Ū</td> <td></td> <td></td> <td></td> <td>PLATE</td> <td>14</td> <td>+5V</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>SHIELD</td> </tr> </tbody> </table> <p> 1. Motor Side Connector • Cap Spec.(15 Position) : 172163-1(AMP) • Socket Spec. : 170361-1(AMP) 2. Driver Side Connector(CN2) • Case Spec. : 10314-52A0-008(3M) or SM-14J(Suntone) • Connector Spec. : 10114-3000VE(3M) or SM-14J(Suntone) 3. Cable Spec. : 7P×0.2SQ or 7P×AWG24 </p>	PIN No.	Encoder Signal	PIN No.	Encoder Signal	PIN No.	Encoder Signal	PIN No.	Encoder Signal	1	A	9	V	1	W	8	Z̄	2	Ā	10	V̄	2	W̄	9	Z	3	B	11	W	3	V	10	B̄	4	B̄	12	W̄	4	V̄	11	B	5	Z	13	+5V	5	U	12	Ā	6	Z̄	14	0V	6	Ū	13	A	7	U	15	SHIELD	7	0V	14	+5V	8	Ū				PLATE	14	+5V			
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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.