

ELVM Series – 40mm

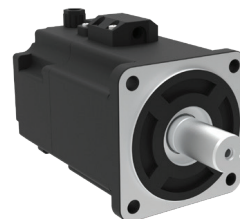
- Frame size: 40mm
- Power rating: 50W-100W
- Motor model: ELVM40**V48*H-***-HD

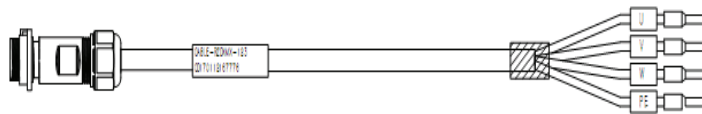
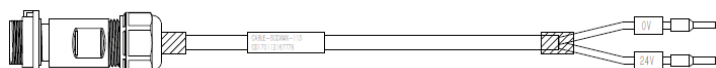
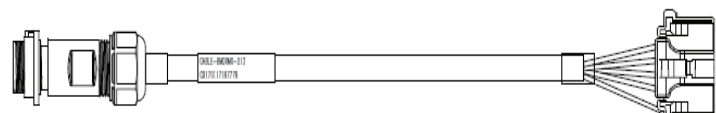
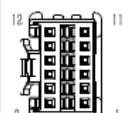
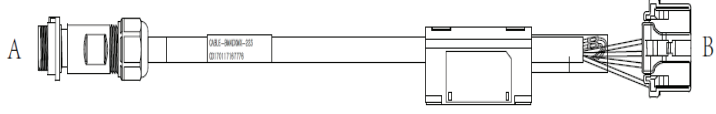
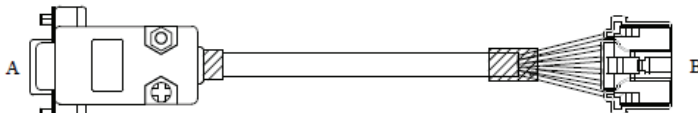
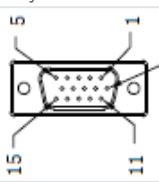
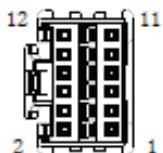


Cable Type		Diagram														Pin																										
Motor power	Without brake	CABLE-RZD*M*-123																																								
	With brake	CABLE-RZSD*M*-123														<table><tr><td>1</td><td>Red</td><td>U</td></tr><tr><td>2</td><td>Blue</td><td>V</td></tr><tr><td>3</td><td>Brown</td><td>W</td></tr><tr><td>4</td><td>Yellow Green</td><td>PE</td></tr><tr><td>5*</td><td>Black</td><td>0V</td></tr><tr><td>6*</td><td>White</td><td>24V</td></tr></table>	1	Red	U	2	Blue	V	3	Brown	W	4	Yellow Green	PE	5*	Black	0V	6*	White	24V	*5&6 terminal for motor with brake							
1	Red	U																																								
2	Blue	V																																								
3	Brown	W																																								
4	Yellow Green	PE																																								
5*	Black	0V																																								
6*	White	24V																																								
Motor encoder	Incremental	CABLE-BMD*M*-213 (17Bit magnetic encoder)																																								
	Absolute	CABLE-BMAD*M*-223 (17Bit magnetic encoder)														<table><tr><td>A</td><td>Terminal</td><td>B</td></tr><tr><td>1</td><td>PE</td><td>1</td></tr><tr><td>2</td><td>5V</td><td>5</td></tr><tr><td>3</td><td>0V</td><td>6</td></tr><tr><td>4</td><td>SD+</td><td>7</td></tr><tr><td>5</td><td>SD-</td><td>8</td></tr><tr><td>6*</td><td>BAT+</td><td>-</td></tr><tr><td>7*</td><td>BAT-</td><td>-</td></tr></table>	A	Terminal	B	1	PE	1	2	5V	5	3	0V	6	4	SD+	7	5	SD-	8	6*	BAT+	-	7*	BAT-	-	*Terminal 6 & 7 is to be connected to battery kit for absolute encoder	
	A	Terminal	B																																							
	1	PE	1																																							
2	5V	5																																								
3	0V	6																																								
4	SD+	7																																								
5	SD-	8																																								
6*	BAT+	-																																								
7*	BAT-	-																																								
		CABLE-LD2-BM*M* (2500 ppr encoder)																																								
	PIN-A	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15																										
	PIN-B	11	9	6	3	2	1	7	8	4	-	12	10	5	-	-																										
	Signal	A+	B+	0V	W+	U+	PE	Z+	Z-	V+	V-	A-	B-	+5V	W-	U-																										

ELVM Series – 60mm

- Frame size: 60mm
- Power rating: 200W (48V)
- Motor model: ELVM6020V48*H-***-HD



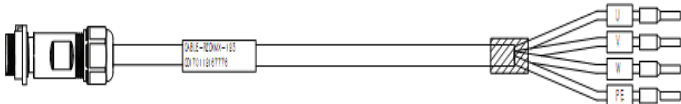
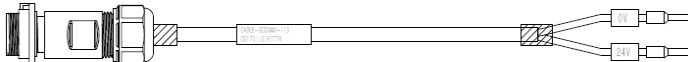
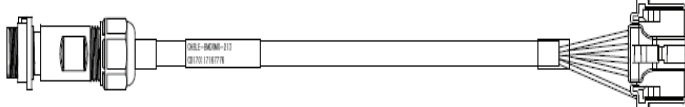
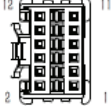
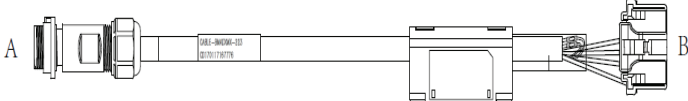
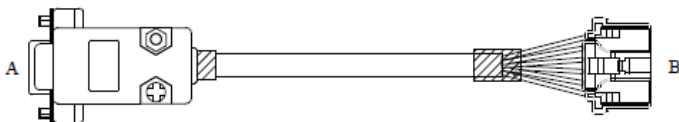
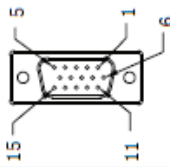
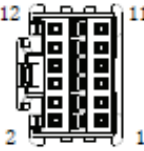
Cable Type		Diagram														Pin					
Motor power																					
		CABLE-RZD*M*-123														1	Red	U			
																2	Blue	V			
																3	Brown	W			
																4	Yellow Green	PE			
Motor brake																					
		CABLE-SCD*M*-113														1	Red	24V			
																2	Black	0V			
Motor encoder	Incremental																				
	Absolute																				
		CABLE-BMAD*M*-223 (17Bit magnetic encoder)														A	Terminal	B			
																1	PE	1			
																2	5V	5			
														3	0V	6					
														4	SD+	7					
														5	SD-	8					
														6*	BAT+	-					
														7*	BAT-	-					
																					
		CABLE-LD2-BM*M* (2500 ppr encoder)																			
PIN-A		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15					
PIN-B		11	9	6	3	2	1	7	8	4	-	12	10	5	-	-					
Signal		A+	B+	0V	W+	U+	PE	Z+	Z-	V+	V-	A-	B-	+5V	W-	U-					
																					

*Terminal 6 & 7 is to be connected to battery kit for absolute encoder

ELVM Series – 60mm

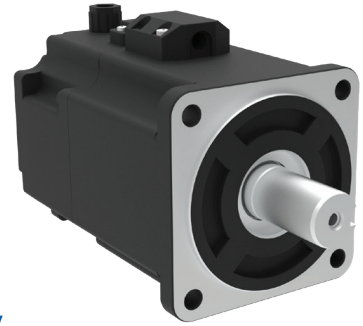
- Frame size: 60mm
- Power rating: 200W(24V)&400W(48V)
- Motor model: ELVM6020V24*H-***-HD/ELVM6040V48*H-***-HD

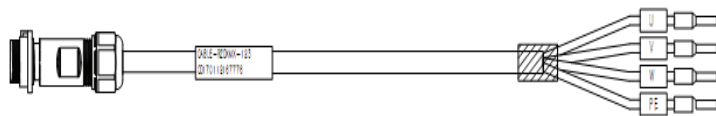
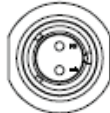
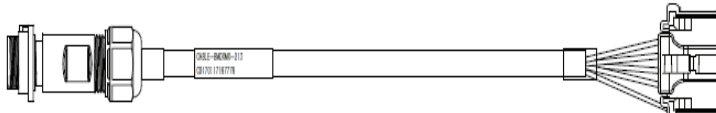
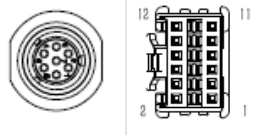
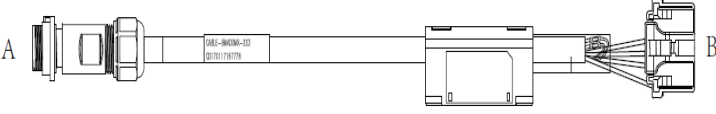
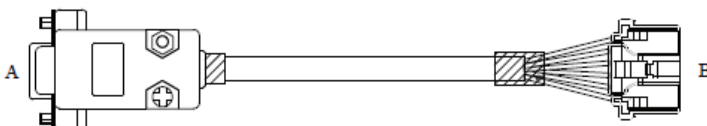
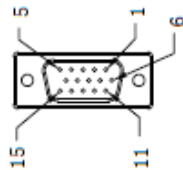
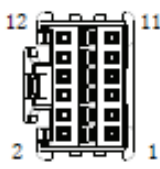


Cable Type		Diagram		Pin														
Motor power		 CABLE-RZD*M*-143																
			1	Red	U													
			2	Blue	V													
			3	Brown	W													
			4	Yellow Green	PE													
Motor brake		 CABLE-SCD*M*-113																
			1	Red	24V													
			2	Black	0V													
Motor encoder	Incremental	 CABLE-BMD*M*-213 (17Bit magnetic encoder)																
	Absolute	 CABLE-BMAD*M*-223 (17Bit magnetic encoder)	A	B														
			1	Terminal	B													
			1	PE	1													
			2	5V	5													
			3	0V	6													
			4	SD+	7													
			5	SD-	8													
	6*	BAT+	-															
	7*	BAT-	-															
				*Terminal 6 & 7 is to be connected to battery kit for absolute encoder														
		 CABLE-LD2-BM*M* (2500 ppr encoder)																
																		
			PIN-A	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
			PIN-B	11	9	6	3	2	1	7	8	4	-	12	10	5	-	-
			Signal	A+	B+	0V	W+	U+	PE	Z+	Z-	V+	V-	A-	B-	+5V	W-	U-

ELVM Series – 60mm&80mm

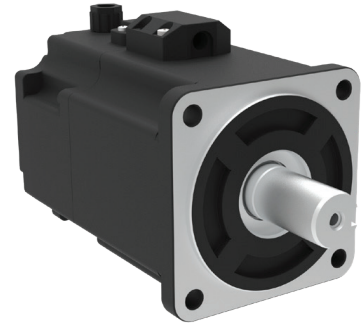
- Frame size: 60mm&80mm
- Power rating: 400W(24V)&600W&750W
- Motor model: ELVM6040V24*H-***-HD/ELVM6060V48*H-***-HD/ELVM8075V48*H-***-HD

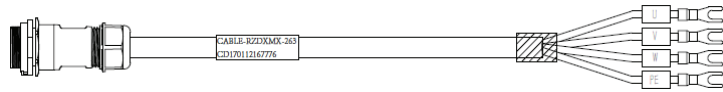
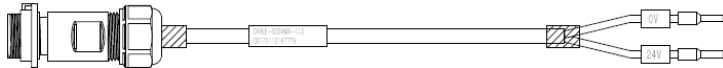
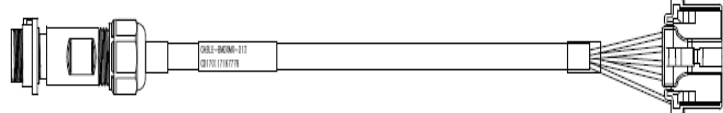
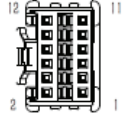
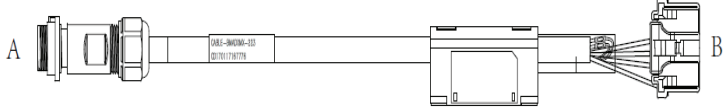
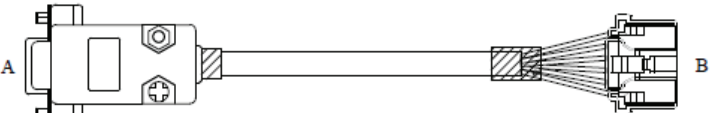
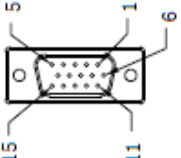
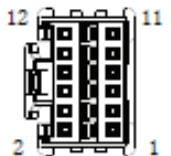


Cable Type		Diagram															Pin		
Motor power																			
		CABLE-RZD*M*-253															1	Red	U
																	2	Blue	V
																	3	Brown	W
																	4	Yellow Green	PE
Motor brake																			
		CABLE-SCD*M*-113															1	Red	24V
																	2	Black	0V
Motor encoder	Incremental																		
	Absolute																A	Terminal	B
		CABLE-BMAD*M*-223 (17Bit magnetic encoder)															1	PE	1
																	2	5V	5
																	3	0V	6
																	4	SD+	7
																	5	SD-	8
																	6*	BAT+	-
																	7*	BAT-	-
																*Terminal 6 & 7 is to be connected to battery kit for absolute encoder			
																			
		CABLE-LD2-BM*M* (2500 ppr encoder)																	
PIN-A	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15				
PIN-B	11	9	6	3	2	1	7	8	4	-	12	10	5	-	-				
Signal	A+	B+	0V	W+	U+	PE	Z+	Z-	V+	V-	A-	B-	+5V	W-	U-				

ELVM Series – 80mm

- Frame size: 80mm
- Power rating: 1000W
- Motor model: ELVM80100V48*H-***-HD

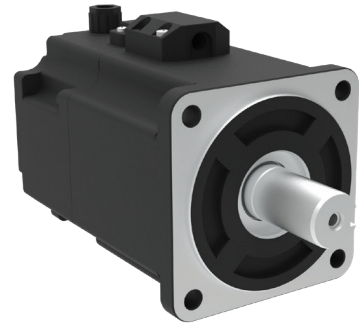


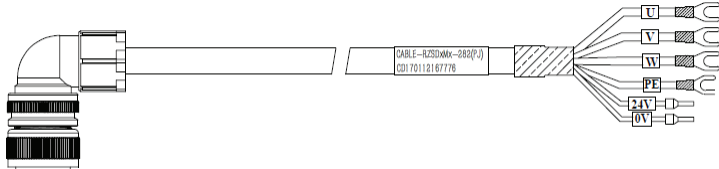
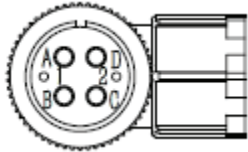
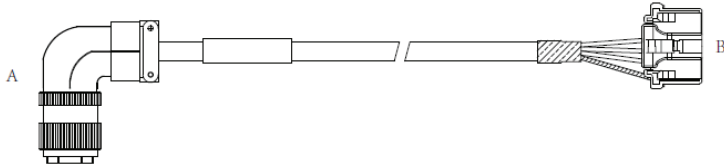
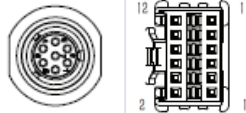
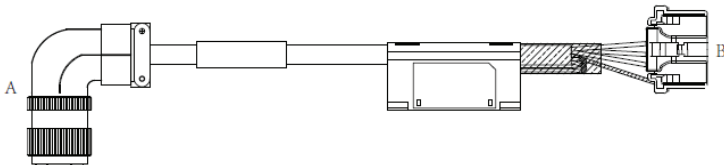
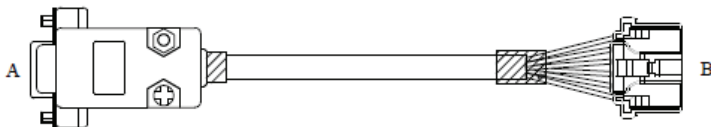
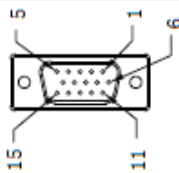
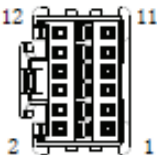
Cable Type		Diagram															Pin																															
Motor power																																																
		1			Red			U																																								
		2			Blue			V																																								
		3			Brown			W																																								
		4			Yellow Green			PE																																								
Motor brake																																																
		1			Red			24V																																								
		2			Black			0V																																								
Motor encoder	Incremental																																															
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		1			PE			1																																								
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	PIN-A			1			2			3			4			5			6			7			8			9			10			11			12			13			14			15		
	PIN-B			11			9			6			3			2			1			7			8			4			-			12			10			5			-			-		
	Signal			A+			B+			0V			W+			U+			PE			Z+			Z-			V+			V-			A-			B-			+5V			W-			U-		

*Terminal 6 & 7 is to be connected to battery kit for absolute encoder

ELVM Series – 130mm

- Frame size: 130mm
- Power rating: 1200W-2000W
- Motor model: ELVM130**0V48*-*-HD



Cable Type		Diagram															Pin																									
Motor power		 CABLE-RZSD*M*-282																<table><tr><td>1</td><td>Red</td><td>U</td></tr><tr><td>2</td><td>Blue</td><td>V</td></tr><tr><td>3</td><td>Brown</td><td>W</td></tr><tr><td>4</td><td>Yellow Green</td><td>PE</td></tr><tr><td>5*</td><td>Black</td><td>0V</td></tr><tr><td>6*</td><td>White</td><td>24V</td></tr></table>	1	Red	U	2	Blue	V	3	Brown	W	4	Yellow Green	PE	5*	Black	0V	6*	White	24V						
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5*	Black	0V																																								
6*	White	24V																																								
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Motor encoder	Incremental	 CABLE-BMD*M*-212 (17Bit magnetic encoder)																																								
	Absolute	 CABLE-BMAD*M*-222 (17Bit magnetic encoder)															<table><tr><td>A</td><td>Terminal</td><td>B</td></tr><tr><td>1</td><td>PE</td><td>1</td></tr><tr><td>2</td><td>5V</td><td>5</td></tr><tr><td>3</td><td>0V</td><td>6</td></tr><tr><td>4</td><td>SD+</td><td>7</td></tr><tr><td>5</td><td>SD-</td><td>8</td></tr><tr><td>6*</td><td>BAT+</td><td>-</td></tr><tr><td>7*</td><td>BAT-</td><td>-</td></tr></table>	A	Terminal	B	1	PE	1	2	5V	5	3	0V	6	4	SD+	7	5	SD-	8	6*	BAT+	-	7*	BAT-	-	
	A	Terminal	B																																							
1	PE	1																																								
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																	*Terminal 6 & 7 is to be connected to battery kit for absolute encoder																									
		 CABLE-LD2-BM*M* (2500 ppr encoder)																																								
																																										
	PIN-A	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15																										
	PIN-B	11	9	6	3	2	1	7	8	4	-	12	10	5	-	-																										
	Signal	A+	B+	0V	W+	U+	PE	Z+	Z-	V+	V-	A-	B-	+5V	W-	U-																										