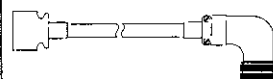## Pre-wired Cable Selection
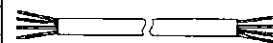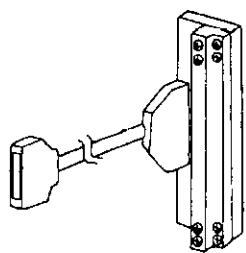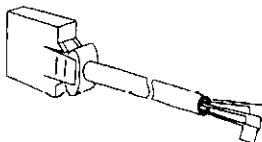
Use the table below to select Pre-wired Cables for your SGMG Sigma Servomotor.

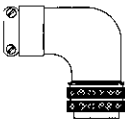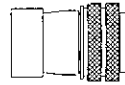| Cable Description (C)		Motor Size (kW)	Part Number		Comments	Item Class
			without Brake	with Brake		
Power Cable with Connectors		0.5, 0.9, 1.3	B1E-□	B1BE-□	Use the following key to specify required cable length (last digit of part #): 1: 3 meters 2: 5 meters 3: 10 meters (standard) 4: 15 meters 5: 20 meters	
		2.0, 3.0	B2E-□	B2BE-□		
		4.4	B3E-□	B3BE-□		
		5.5, 7.5 *	B5E-□	B5E-□ B7BE-□		
		11 *	B6E-□	B6E-□ B7BE-□		
Encoder Cable (incremental or absolute)		All	DE9407237-□E			Stock **
Encoder Cable Only for Solder Connections			DP8409123		Up to 70 feet; for use with mating connector.	
Encoder Cable Only for Solder Connections			DP8409179		Over 70 feet; splice cable to accommodate connector.	
Input/Output 1CN Cable & Transition Terminal Block			JUSP-TA50P		35 mm din rail mountable; the cable length is 0.5 meters.	
Input/Output 1CN Cable with Pigtail Leads			DE9406969-□		Use the following key to specify required cable length (last digit of part #): 1: 1 meter (standard) 2: 2 meters 3: 3 meters	

* When ordering these cables for motors with brakes, order the standard power cable and the additional cable for the brake.

** Standard cable lengths are Stock items; non-standard cable lengths are Limited Stock items.

Connector Selection

Use the table below to select Mating Connectors for your SGMG Sigma Servomotor.

Connector Description (D)		Motor Size (kW)	Part Number		Comments	Item Class
			without Brake	with Brake		
MS Connector for Motor Power Cable *		0.5, 0.9, 1.3	MS3106B18-10S MS3108B18-10S MS3057-10A	MS3106B20-15S MS3108B20-15S MS3057-12A	Straight-type connector L-type connector Cable clamp	
		2.0, 3.0, 4.4	MS3106B22-22S MS3108B22-22S MS3057-12A	MS3106B24-10S MS3108B24-10S MS3057-16A	Straight-type connector L-type connector Cable clamp	
		5.5, 7.5, 11	MS3106B32-17S MS3108B32-17S MS3057-20A	MS3106B32-17S+ MS3106A10SL-3S MS3108B32-17S+ MS3108A10SL-3S MS3057-20A MS3057-4A	Straight-type connector L-type connector Cable clamp	Stock
MS Connector for Encoder Cable (incremental or absolute encoder)			MS3106B20-29S MS3108B20-29S MS3057-12A		Straight-type connector L-type connector Cable clamp	
1CN Mating Connector			DE9406970		Can use 1CN for analog speed and torque monitor service checks.	
2CN Encoder Mating Connector		All	DE9406973		–	
3CN Peripheral Mating Connector			Stock 9-pin male D-shell connector		Source locally.	–
5CN Connector and 1m Cable with Pigtails			DE9404559		–	Stock

* Choose either a straight or L-type connector and the associated cable clamp for a complete assembly.
For example, L-type connector MS3108B18-10S is compatible with cable clamp MS3057-10A.