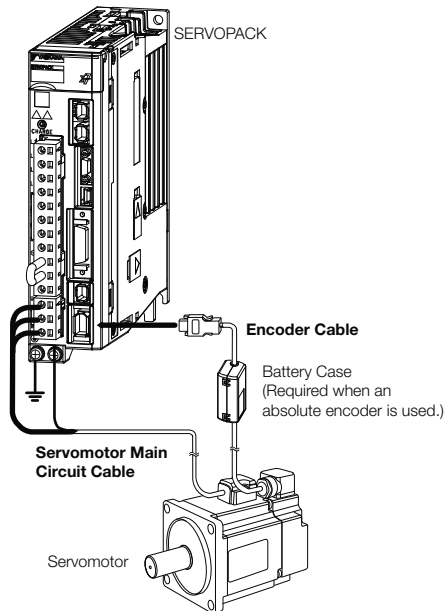


Cables for SGM7A and SGM7J Servomotors

System Configurations

Encoder Cable of 20 m or Less

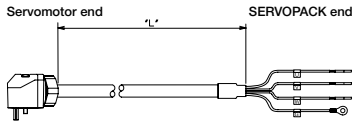
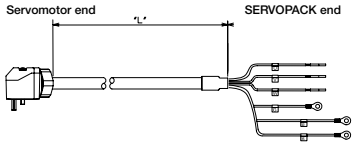


Notes:

1. If you use a Servomotor Main Circuit Cable that exceeds 20 m, the intermittent duty zone in the torquemotor speed characteristics will become smaller because the voltage drop increases.
2. Refer to the following manual for the following information.
 - Cable dimensional drawings and cable connection specifications
 - Order numbers and specifications of individual connectors for cables
 - Order numbers and specifications for wiring materials

Sigma-7-Series AC Servo Drive Peripheral Device Selection Manual (Manual No.: SIEP S800001 32)

Cables for SGM7J and SGM7A rotary motors

Servomotor Model	Name	Length	Sigma-7 Flexible Cable	Appearance	
SGM7J-A5 to -C2 SGM7A-A5 to -C2 50 W to 150 W	For Servomotors without Holding Brakes Cable installed toward load	3 m	JZSP-CSM21-03-E-G#		
		5 m	JZSP-CSM21-05-E-G#		
		10 m	JZSP-CSM21-10-E-G#		
		15 m	JZSP-CSM21-15-E-G#		
		20 m	JZSP-CSM21-20-E-G#		
SGM7J-02 to -06 SGM7A-02 to -06 200 W to 600 W		3 m	JZSP-CSM22-03-E-G#		
		5 m	JZSP-CSM22-05-E-G#		
		10 m	JZSP-CSM22-10-E-G#		
		15 m	JZSP-CSM22-15-E-G#		
		20 m	JZSP-CSM22-20-E-G#		
SGM7J-08 SGM7A-08 and -10 750 W, 1.0 kW		30 m	JZSP-CSM22-30-E-G#		
		3 m	JZSP-CSM23-03-E-G#		
		5 m	JZSP-CSM23-05-E-G#		
		10 m	JZSP-CSM23-10-E-G#		
		15 m	JZSP-CSM23-15-E-G#		
SGM7J-08 SGM7A-08 and -10 750 W, 1.0 kW	20 m	JZSP-CSM23-20-E-G#			
	30 m	JZSP-CSM23-30-E-G#			
	SGM7J-A5 to -C2 SGM7A-A5 to -C2 50 W to 150 W	For Servomotors with Holding Brakes Cable installed toward load	3 m	JZSP-CSM31-03-E-G#	
			5 m	JZSP-CSM31-05-E-G#	
			10 m	JZSP-CSM31-10-E-G#	
15 m			JZSP-CSM31-15-E-G#		
20 m			JZSP-CSM31-20-E-G#		
SGM7J-02 to -06 SGM7A-02 to -06 200 W to 600 W	3 m		JZSP-CSM32-03-E-G#		
	5 m		JZSP-CSM32-05-E-G#		
	10 m		JZSP-CSM32-10-E-G#		
	15 m		JZSP-CSM32-15-E-G#		
	20 m		JZSP-CSM32-20-E-G#		
SGM7J-08 SGM7A-08 and -10 750 W, 1.0 kW	3 m		JZSP-CSM33-03-E-G#		
	5 m		JZSP-CSM33-05-E-G#		
	10 m		JZSP-CSM33-10-E-G#		
	15 m		JZSP-CSM33-15-E-G#		
	20 m		JZSP-CSM33-20-E-G#		

Note: The digit „#“ of the order number represents the design revision.

Cables for SGM7J and SGM7A rotary motors

Servomotor Model	Name	Length	Sigma-7 Flexible Cable	Appearance
SGM7A-15A to 25A 1.5 kW to 2.5 kW	For Servo motor without Holding Breaks	3 m	JZSP-CVMCA12-03-E-G#	
		5 m	JZSP-CVMCA12-05-E-G#	
		10 m	JZSP-CVMCA12-10-E-G#	
		15 m	JZSP-CVMCA12-15-E-G#	
		20 m	JZSP-CVMCA12-20-E-G#	
	For Servo motor with Holding Breaks	3 m	JZSP-CVMCA12-03-E-G#	
		5 m	JZSP-CVMCA12-05-E-G#	
		10 m	JZSP-CVMCA12-10-E-G#	
		15 m	JZSP-CVMCA12-15-E-G#	
		20 m	JZSP-CVMCA12-20-E-G#	
		3 m	JZSP-CVB12Y-03-E-G#	
		5 m	JZSP-CVB12Y-05-E-G#	
		10 m	JZSP-CVB12Y-10-E-G#	
		15 m	JZSP-CVB12Y-15-E-G#	
20 m	JZSP-CVB12Y-20-E-G#			

Note: The digit „#“ of the order number represents the design revision.

Cables for SGM7J and SGM7A rotary motors

Servomotor Model	Name	Length	Sigma-7 Flexible Cable	Appearance
SGM7A-30A 3.0 kW	For Servo motor without Holding Breaks	3 m	JZSP-CVMCA13-03-E-G#	
		5 m	JZSP-CVMCA13-05-E-G#	
		10 m	JZSP-CVMCA13-10-E-G#	
		15 m	JZSP-CVMCA13-15-E-G#	
		20 m	JZSP-CVMCA13-20-E-G#	
	For Servo motor with Holding Breaks	3 m	JZSP-CVMCA13-03-E-G#	
		5 m	JZSP-CVMCA13-05-E-G#	
		10 m	JZSP-CVMCA13-10-E-G#	
		15 m	JZSP-CVMCA13-15-E-G#	
		20 m	JZSP-CVMCA13-20-E-G#	
		3 m	JZSP-CVB12Y-03-E-G#	
		5 m	JZSP-CVB12Y-05-E-G#	
		10 m	JZSP-CVB12Y-10-E-G#	
		15 m	JZSP-CVB12Y-15-E-G#	
20 m	JZSP-CVB12Y-20-E-G#			

Note: The digit „#“ of the order number represents the design revision.

Encoder Cables for SGM7J and SGM7A rotary motors up to 20m length

Servomotor Model	Name	Length	Sigma-7 Flexible Cable	Appearance
SGM7J-A5 to -08 50 W to 750 W	For incremental encoder Cable installed toward load	3 m	JZSP-CSP21-03-E-G#	
		5 m	JZSP-CSP21-05-E-G#	
		10 m	JZSP-CSP21-10-E-G#	
		15 m	JZSP-CSP21-15-E-G#	
		20 m	JZSP-CSP21-20-E-G#	
SGM7A-A5 to -10 50 W to 1.0 kW	For absolute encoder: With Battery Case *1 Cable installed toward load	3 m	JZSP-CSP25-03-E-G#	
		5 m	JZSP-CSP25-05-E-G#	
		10 m	JZSP-CSP25-10-E-G#	
		15 m	JZSP-CSP25-15-E-G#	
		20 m	JZSP-CSP25-20-E-G#	
SGM7A-15 to -30 1.5 kW to 3.0 kW	For incremental encoder	3 m	JZSP-CVP12-03-E-G#	
		5 m	JZSP-CVP12-05-E-G#	
		10 m	JZSP-CVP12-10-E-G#	
		15 m	JZSP-CVP12-15-E-G#	
		20 m	JZSP-CVP12-20-E-G#	
	For absolute encoder: With Battery Case *1	3 m	JZSP-CVP27-03-E-G#	
		5 m	JZSP-CVP27-05-E-G#	
		10 m	JZSP-CVP27-10-E-G#	
		15 m	JZSP-CVP27-15-E-G#	
		20 m	JZSP-CVP27-20-E-G#	

Note: The digit „#“ of the order number represents the design revision.

*1. If a battery is connected to the host controller, the Battery Case is not required. If so, use a cable for incremental encoders.