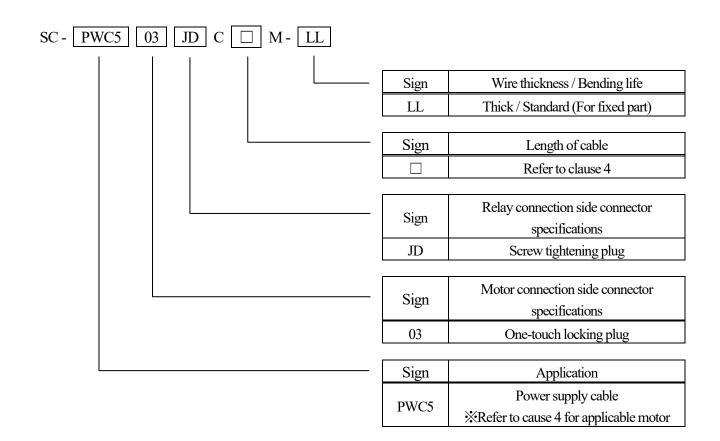
Specif	fication			
	or			
General purp				
Power su	pply cal	ble		
Type SC-PWCS MITSUBISHI I SYSTEM & SE	ELECTR	IC		
No	ote			
				_
Revision	Drawn	Check	Design	Approved
	N.Ito	S.Kariya	T.Kasahara	D.Fukushima
Send to	Date		Dwg	
	8 Sep.,2022 Order		X953503D70003-E86	

1. SCOPE

This specification covers the requirements for the General purpose AC Servo Power supply cable.

- SC-PWC503JDC□M-LL
- * The Products covered in this specification don't include the toxic substances in RoHS.

2. CABLE TYPE



3. APPLICABLE STANDARDS

Wire part: UL standard (UL 758: AWM)

UL Style No.	Rated	
2586	105°C	600V

4. APPLICABLE SERVO MOTOR / LENGTH OF CABLE

1 to 100m

- *The maximum length of this cable varies depending on the motor model and amplifier side cable to be combined. Please contact us for more information.
- % Refer to the CABLE SELECTION TABLE "R9535021-018028-015" for applicable motors and connection cables.

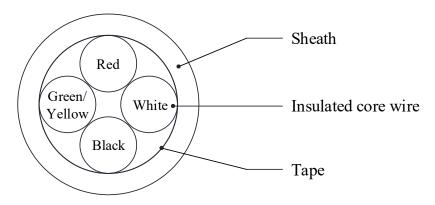
5. EXAMPLE OF PRINTING CABLE TYPE NAME

6. STRUCTURE AND CHARACTERISTICS

	Item		Unit	Specification		
W	Wire		Oint	Брестешоп		
\ \ \ \ \ \	Structure		_	AWG10×4C		
	Structure	Conductor size	_	AWG10		
	Conductor	Outer diameter	12222	Awg10 Approx.3.1		
		Material	mm	PVC		
	Insulation	Outer diameter				
		Number of	mm	Approx.4.8		
	Twisted	insulated		4C		
		core wire				
		Material Material	_	Flame resisting PVC		
	Sheath			Black		
	Overall diameter		40400			
	Cable weight		mm log/lom	Approx. 13.7 330		
	Cable weight	Insulation	kg/km	330		
	Electrical	resistance	MΩ · km	Over 10		
	characteristics	Withstand	V / for			
	Characteristics	voltage	5 min	AC2000		
	Minimum bend radius		mm	6 times the overall diameter		
	Flame retardant		_	UL1581 VW-1		
C	onnector			021001 + 11 1		
				DDK Ltd.		
				D/MS3101A22-22P(D263) (Cable receptacle)		
	Amplifier side		Type	CE02-22BS-S-D(R1) (Waterproof straight back shell)		
				CE3057-12A-1-D(R1) (Cable clamp)		
			IP rating	IP67*1		
				Japan Aviation Electronics Industry, Ltd.		
	Motor side		Type	JL10-6A22-22SE-EB (Straight plug)		
	Wioloi Side			JL04-2022CK(14)-R (Waterproof cable clamp)		
			IP rating	IP67*1		
C	able harness		1			
		Ambient temperature	°C	0 to 60 (Without freezing)		
	Environment	Δmbient	%RH	5 to 95 (Without condensation)		
		Ambience	_	Indoors (no direct sunlight), no corrosive gas, inflammable gas, oil mist, or dust		
	Electrical	Insulation resistance	MΩ · km	Over 10		
	characteristics	Withstand voltage	V / for 1 min	AC2000		
_	W1 771 TD 2 2 1 1 1 1 0 1					

^{*1} The IP rating indicated is for the connector's protection against ingress of dust and water when coupled to a servo amplifier/servo motor. If the IP rating of the servo amplifier/servo motor differs from that of these connectors, overall IP rating depends on the lowest of all.

7. STRUCTURAL DRAWING



8. OUTLINE DRAWING

[Unit:mm]

