# **Cable for Motorized Stages**



Part Number		Cable		Connector				
Туре	No.	Features	Overall Length	Existence of Connector	Controller Side	Stage Side		
	2		2m					
	4	Ordinary Cable	4m	Provided on both ends	09-0341-02-14(Binder)			
SRCB	6		6m					
(for 16-pin)	2B	Ordinary Cable	2m	Provided on one end (controller		SRCB		
	4B	Provided on one end. (The	4m	side). (The other end is loose wire.)	-			
MSCB	6B	other end is loose wire.)	6m	side). (The other end is loose wire.)		SRCN6A21-16S(JAE)		
(for 12-pin)	2-R		2m		09-0341-02-14(Binder)	■MSCB/MS4CB HR10A-10P-12S(73) (HRS)		
	4-R	Robot Cable	4m	Provided on both ends				
MS4CB	6-R		6m					
(for 4-sensor, 12-pin)	2B-R	Robot Cable	2m	Descrided on one and (controller				
	4B-R	Provided on one end. (The	4m	Provided on one end (controller side), (The other end is loose wire.)				
	6R-R	other end is loose wire )	6m	1 side). (The other end is loose wire.)				

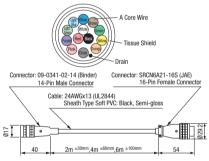
#### Common Specifications

Tymo	Finished O.D.	Min. Bending Radius	Conductor		Insulator Sheath		ath
Туре			Configuration	O.D.	Material	Material	Color
Ordinary Cable	6.70 ±0.15mm	R33mm	40 wires / 0.08mm [24AWG]	0.65mm	PVC	PVC	Black
Robot Cable			50 wires / 0.08mm [24AWG]		ETFE		

# Ordinary Cable

SRCB2(B), SRCB4(B), SRCB6(B)

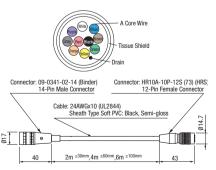
\* For the cable with the loose wire on one end (with the "B" text inserted on end of the Part Number), the loose wire side should be regarded as 14-pin Male Connector (Controller)-oriented.



Controller Side Terminal			,		Stage Side Terminal	1
Motor Lead (Blue)				1	Motor Lead (Blue)	1
Notor Lead (Red)	С	Red			Motor Lead (Red)	1
Notor Lead (Orange)	Е	Orange			Motor Lead (Orange)	1
Notor Lead (Green)	G	Green	_	- 4	Motor Lead (Green)	1
Notor Lead (Black)	J	Black			Motor Lead (Black)	1
CWLS Input	L	Brown		- 6	CWLS Output	1
CCWLS Input	M	Yellow	<del></del>	7	Open	7
IORG Input	N	Pink	- L	- 8	CCWLS Output	1
IRG Input	0	Purple		9	Open	1
ensor Power Supply (DC5V(+))	Р	Gray	_	10	Sensor Power Supply (DC5V(+))	1
Sensor Power Supply (DC5V(-))	R	White	$\vdash$	11	NORG Output	1
ectromagnetic Brake Power Supply (DC24V(+))	S	Light Green	_	12	Electromagnetic Brake Power Supply (DC24V(+))	]
lectromagnetic Brake Power Supply (DC24V(-))	Т	Light Blue		13	Electromagnetic Brake Power Supply (DC24V(-))	1
rame Ground	U	<del>1</del>	- 1	14	ORG Output	1
		Dotted line represents shields.		15	Sensor Power Supply (DC5V(-))	7
ı			·		Frame Ground	1
		*1. This terminal is open for any n	— — → lotor other	th	16 an on	-[ 16 ]   Frame Ground an ones with Electromagnetic Brake.

# •MSCB2(B), MSCB4(B), MSCB6(B)

\* For the cable with the loose wire on one end (with the "B" text inserted on end of the Part Number), the loose wire side should be regarded as 14-pin Male Connector (Controller)-oriented.



Controller Side Terminal		Flue		Stage Side Terminal
Motor Lead (Blue)	A	Red	1	Motor Lead (Blue)
Motor Lead (Red)	C -	Orange	2	Motor Lead (Red)
Motor Lead (Orange)	E -	Green	3	Motor Lead (Orange)
Motor Lead (Green)	G	Black	4	Motor Lead (Green)
Motor Lead (Black)	J -	Brown	5	Motor Lead (Black)
CWLS Input	L	Yellow	6	CWLS Output
CCWLS Input	М	TOILOW	7	CCWLS Output
NORG Input	N	Purole	8	Sensor Power Supply (DC5V(-))
ORG Input	0		9	Sensor Power Supply (DC5V(+))
Sensor Power Supply (DC5V(+))	Р —	Gray	10	ORG Output
Sensor Power Supply (DC5V(-))	R =	White	11	Sensor Power Supply (DC5V(-))
Electromagnetic Brake Power Supply (DC24V(+))	S	· ·	12	Frame Ground
Electromagnetic Brake Power Supply (DC24V(-))	T	Dotted line represents shields.	_	
Frame Ground	U	•		

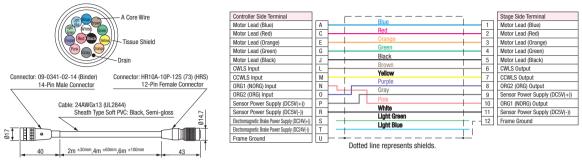




Configure Online

#### •MS4CB2(B), MS4CB4(B), MS4CB6(B)

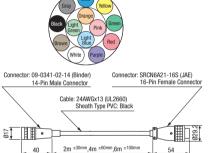
\* For the cable with the loose wire on one end (with the "B" text inserted on end of the Part Number), the loose wire side should be regarded as 14-pin Male Connector (Controller)-oriented.

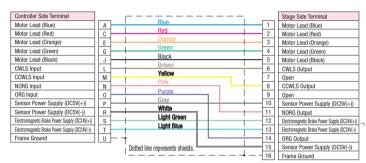


#### ■Robot Cable

•SRCB2(B)-R, SRCB4(B)-R, SRCB6(B)-R

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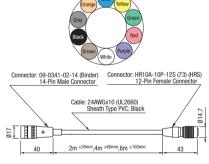


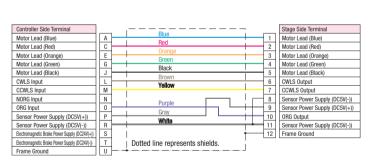


\*1 This terminal is onen for any motor other than ones with Electromagnetic Brake

## •MS4CB2(B)-B, MS4CB4(B)-B, MS4CB6(B)-B

\* For the cable with the loose wire on one end (with the "B" text inserted on end of the Part Number), the loose wire side should be regarded as 14-pin Male Connector (Controller)-oriented.

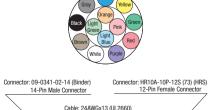




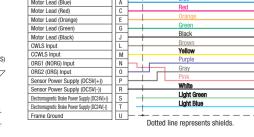
### •MS4CB2(B)-R, MS4CB4(B)-R, MS4CB6(B)-R

\* For the cable with the loose wire on one end (with the "B" text inserted on end of the Part Number), the loose wire side should be regarded as 14-pin Male Connector (Controller)-oriented.

Controller Side Terminal



2m ±30mm,4m ±60mm,6m ±100mm



Stage Side Terminal Motor Lead (Red) Motor Lead (Orange) Motor Lead (Black) CWLS Output CCWLS Output ORG2 (ORG) Output Sensor Power Supply (DC5V(+)) Sensor Power Supply (DC5V(-)) 12 Frame Ground