

Control Cable Specifications

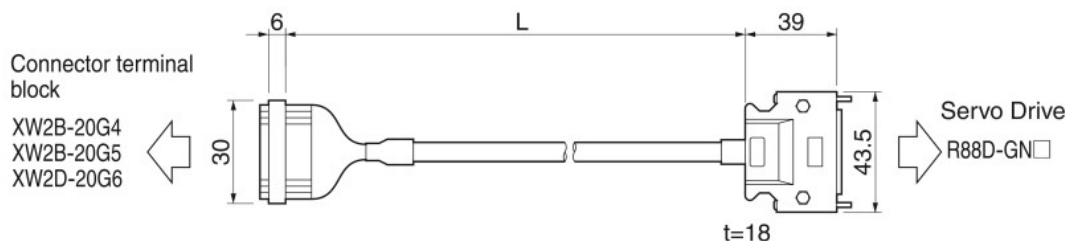
■ Connector Terminal Block Cables (XW2Z-□J-B33)

This is the connector terminal block cable for the G-Series Servo Drive (with built-in MECHATROLINK-II).

Cable Models

Model	Length (L)	Outer diameter of sheath	Weight
XW2Z-100J-B33	1 m	8.0 dia.	Approx. 0.1 kg
XW2Z-200J-B33	2 m		Approx. 0.2 kg

Connection Configuration and Dimensions



Wiring

Terminal block		Connector		Servo Drive		
Signal	No.	No.		No.	Wire/mark color	Signal
+24VIN	1	1		1	Blue/Red (1)	+24VIN
0V	2	2			Blue/Black (1)	
+24VIN	3	3			Pink/Red (1)	
0V	4	4			Pink/Black (1)	
+24VIN	5	5			Green/Red (1)	
0V	6	6			Green/Black (1)	
STOP	7	7		2	Orange/Red (1)	STOP
DEC	8	8		21	Orange/Black(1)	DEC
POT	9	9		19	Gray/Red (1)	POT
NOT	10	10		20	Gray/Black (1)	NOT
EXT1	11	11		5	Blue/Red (2)	EXT1
EXT2	12	12		4	Blue/Black (2)	EXT2
EXT3	13	13		3	Pink/Red (2)	EXT3
BATCOM	14	14		33	Green/Red (2)	BATCOM
BAT	15	15		34	Green/Black (2)	BAT
OUTM1COM	16	16		35	Orange/Red (2)	OUTM1COM
OUTM1	17	17		36	Orange/Black (2)	OUTM1
ALMCOM	18	18		16	Gray/Red (2)	ALMCOM
/ALM	19	19		15	Gray/Black (2)	/ALM
FG	20	20		Shell		FG

Wires with the same wire color and the same number of marks form a twisted pair.
 Example:
 A yellow/black (1) wire and pink/black (1) wire form a twisted pair.

Servo Drive Connector
 Connector plug:
 10136-3000PE (Sumitomo 3M)
 Connector case:
 10336-52A0-008 (Sumitomo 3M)

Terminal Block Connector
 Connector socket: XG4M-2030 (OMRON)
 Strain relief: XG4T-2004 (OMRON)

Cable
 AWG28×10P UL2464