

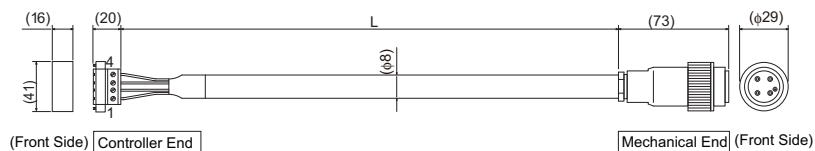
9. Motor and Encoder Cables

The supplied cables are in common for all models no matter what the actuator model type is. Applicable cable differs depending on the corresponding controller.

Chart of Controllers and Relative Supplied Cables

Controller	XSEL-J/K	XSEL-P/Q	SSEL	SCON
Relative Supplied Cable	(1), (2)	(1), (3)	(1), (3)	(1), (3)

(1) Motor Cable CB-XEU-MA***



*** indicate the cable length (L), Available up to 30m

Example) 080 = 8m

(Minimum Bending Radius)

Movable Use : 48mm

Fixed Use : 48mm

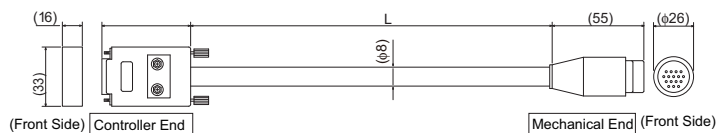
Plug
GIC2.5/4-STF-7.62(PHOENIX)

Cable	Signal	No.
0.75sq	PE	1
	U	2
	V	3
	W	4

Plug Connector
99-4222-00-04(BINDER)

No.	Signal	Cable
①	PE	0.75sq (solderless)
1	U	
2	V	
3	W	

(2) Encoder Cable CB-X-PA***-WC



*** indicate the cable length (L), Available up to 30m

Example) 080 = 8m

(Minimum Bending Radius)

Movable Use : 37.5mm

Fixed Use : 37.5mm

Plug Connector : 17HE-23150-C (D13A) (DDK)

Cable	Signal	No.
0.15sq (solderless)	-	1
	-	2
	-	3
	-	4
	-	5
	-	6
	SD	7
	SD	8
	BAT+	9
	BAT-	10
	VCC	11
	GND	12
	BK-	13
	BK+	14
	-	15

Colored Connector : 99-4630-00-16 (BINDER)

No.	Signal	Cable
1	SD	0.15sq (solderless)
2	SD	
3	-	
4	-	
5	-	
6	-	
7	-	
8	-	
9	VCC	
10	GND	
11	BAT+	
12	BAT-	
13	BK-	
14	BK+	
15	-	

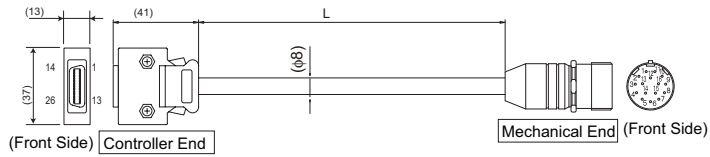
Clamp connection of Shield to Hood

Note 3

Combination of Drain Cable and Shield

Connection of shield to ground sleeve

(3) Encoder Cable CB-X1-PA***-WC



*** indicate the cable length (L), Available up to 30m

Example) 080 = 8m

(Minimum Bending Radius)

Movable Use : 37.5mm

Fixed Use : 37.5mm

Encoder Cable CB-XEU1-PA***

Cable	Color	Signal	No.
---	---	---	10
---	---	---	11
---	---	E24V	12
---	---	OV	26
---	---	LS	25
---	---	CLEEP	24
---	---	OT	23
---	---	RSV	9
---	---	---	18
---	---	---	19
---	---	A+	1
---	---	A-	2
---	---	B+	3
---	---	B-	4
---	---	Z+	5
---	---	Z-	6
---	---	SRD+	7
---	---	SRD-	8
Green	---	BAT+	14
purple	---	BAT-	15
Gray	---	VCC	16
Red	---	GND	17
Black	---	BKR-	20
Blue	---	BKR+	21
Yellow	---	---	22

No.	Color	Signal	Cable
1	SD	Orange	AWG26 (soldering)
2	SD	Green	
3	---	---	
4	---	---	
5	---	---	
6	---	---	
7	---	---	
8	---	---	
9	---	---	
10	VCC	Red	
11	GND	Black	
12	BAT+	purple	
13	BAT-	Gray	
14	---	---	
15	BKR-	Blue	
16	BKR+	Yellow	

Clamp connection of Shield to Hood

Combination of Drain Cable and Shield

(Cable color white / blue indicates the color of sheath)

Connection of shield to ground sleeve