

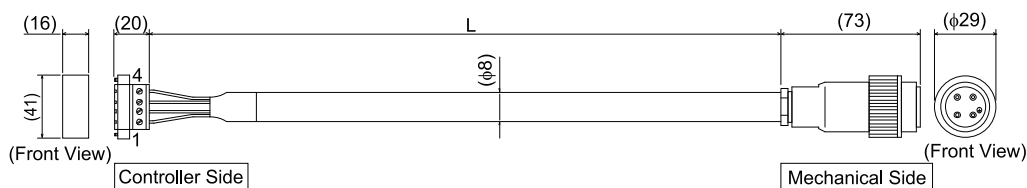
1.4.2 Metal Connector Type (Option Model code: EU)

The cables are in common for the actuators no matter the model type. The cables differ depending on whether it is with or without LS.

Table for Controller and Applicable Motor • Encoder Cable

Controller	XSEL-P/Q/R/S, SSEL, SCON, MSCON	
LS	Without LS	With LS
Applicable Cable	1), 2)	1), 3)

1) Motor Cable CB-XEU-MA□□□



Plug GIC2.5/4-STF-7.62 (PHOENIX CONTACT)			Plug connector 99-4222-00-04 (BINDER)		
Wiring	Signal	No.	No.	Signal	Wiring
0.75sq	PE	1	⊕	PE	0.75sq (Solderless)
	U	2	1	U	
	V	3	2	V	
	W	4	3	W	

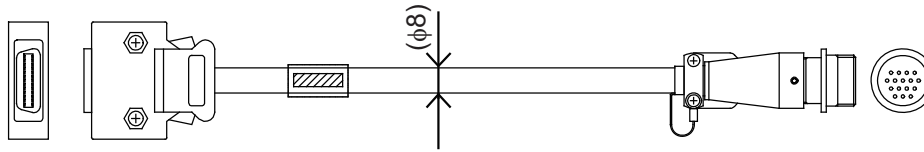
Enter the cable length (L) in □□□ (up to 30 m)
Example) 080=8m

[Minimum Bending Radius]

When used under moving condition : 48mm

When used in fixed condition : 48mm

2) Encoder Cable CB-XEU1-PA□□□



Wiring	Color	Signal	No.
	-	-	10
	-	-	11
	-	E24V	12
	-	OV	26
	-	LS	25
	-	CREEP	24
	-	OT	23
	-	RSV	9
	-	-	18
	-	-	19
	-	A+	1
	-	A-	2
	-	B+	3
	-	B-	4
	-	Z+	5
	-	Z-	6
	Orange	SRD+	7
	Green	SRD-	8
	Purple	BAT+	14
	Gray	BAT-	15
	Red	VCC	16
	Black	GND	17
	Blue	BKR-	20
	Yellow	BKR+	21
	-	-	22
The shield is clamped to the hood			

No.	Signal	Color	Wiring
1	SD	Orange	
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	
Shield to be connected to earth sleeve			

No.	Signal	Color	Wiring
1	SD	Orange	
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	
Shield to be connected to earth sleeve			

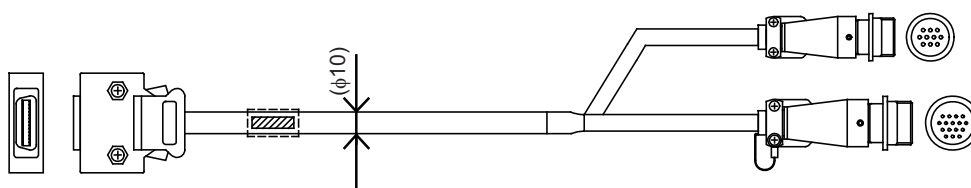
Ground wire and braided shield wires

(White/blue in cable color indicates the colors of line/insulator.)

Enter the cable length (L) in □□□ (up to 30 m)
 Example) 080=8m

[Minimum Bending Radius]
 When used under moving condition : 44mm
 When used in fixed condition : 29mm

3) Encoder Cable CB-XEU1-PA□□□



Wiring	Color	Signal	No.
	-	-	10
	-	-	11
	White/Blue	E24V	12
	White/Yellow	OV	13
	White/Red	LS	26
	White/Black	CREEP	25
	White/Purple	OT	24
	White/Gray	RSV	23
	-	-	9
	-	-	18
	-	-	19
	-	A+	1
	-	A-	2
	-	B+	3
	-	B-	4
	-	Z+	5
	-	Z-	6
	-	SRD+	7
	Green	SRD-	8
	Purple	BAT+	14
	Gray	BAT-	15
	Red	VCC	16
	Black	GND	17
	Blue	BKR-	20
	Yellow	BKR+	21
	-	-	22

No.	Signal	Color	Wiring
1	E24V	White/Blue	AWG26 (Solderless)
2	OV	White/Yellow	
3	-	-	
4	LS	White/Red	
5	CREEP	White/Black	
6	OT	White/Purple	
7	RSV	White/Gray	
8	-	-	
9	-	-	
10	-	-	

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

The shield is clamped to the hood

Ground wire and braided shield wires

Shield to be connected to earth sleeve

(White/blue in cable color indicates the colors of line/insulator.)

Enter the cable length (L) in □□□ (up to 30 m)

Example) 080=8m

[Minimum Bending Radius]

When used under moving condition : 58mm

When used in fixed condition : 38mm