

# WIRING MOTOR CONNECTIONS

## CONNECTORS WITH 29 CONNECTION and PT1000 on power

### POWER CONNECTOR

### FEEDBACK CONNECTOR

#### RESOLVER

#### HIPERFACE ABSOLUTE ENCODER

PIN	FUNCTION	PIN	FEEDBACK FUNCTION	PIN	FEEDBACK FUNCTION
1	Phase U	1	-	1	-
2	PE	2	-	2	-
3	Phase W	3	-	3	0 Vdc
4	Phase V	4	-	4	7-12 Vdc
A	Brake 24V (#)	5	/Sin	5	/Sin
B	Brake 0V (#)	6	Sin +	6	Sin
C	PT 1000 (+)	7	/Ref	7	/DATA
D	PT 1000 (-)	8	Ref	8	DATA
(#) Optional		9	-	9	-
		10	Shield	10	Shield
		11	/Cos	11	/Cos
		12	Cos	12	Cos
		13	-	13	-
		14	-	14	-
		15	-	15	-
		16	-	16	-
		17	-	17	-

## CONNECTORS WITH 29 CONNECTION and PT1000 on signal

### POWER CONNECTOR

### FEEDBACK CONNECTOR

#### RESOLVER

#### HIPERFACE ABSOLUTE ENCODER


PIN	FUNCTION	PIN	FEEDBACK FUNCTION	PIN	FEEDBACK FUNCTION
1	Phase U	1	-	1	-
2	PE	2	-	2	-
3	Phase W	3	-	3	0 Vdc
4	Phase V	4	-	4	7-12 Vdc
A	Brake 24V (#)	5	/Sin	5	/Sin
B	Brake 0V (#)	6	Sin +	6	Sin
C		7	/Ref	7	/DATA
D		8	Ref	8	DATA
(#) Optional		9	-	9	-
		10	Shield	10	Shield
		11	/Cos	11	/Cos
		12	Cos	12	Cos
		13	-	13	-
		14	-	14	-
		15	-	15	-
		16	PT 1000 (+)	16	PT 1000 (+)
		17	PT 1000 (-)	17	PT 1000 (-)

SEE IT BEFORE IT HAPPENS



# DYNAMIC LAYING CABLES SPECIFICATIONS


## SIGNAL CABLES for ALL SERVOMOTORS MODELS


MOTOR SIDE PIN	COLOUR	Signal free wire cable for general purpose	For cable order	
1	Grey/Pink		Lenght (mm)	Order code
2	Red		5000	003108011110
3	Blue1		10000	003108011112
4	Red1			
5	Yellow			
6	Green			
7	Grey			
8	Pink			
9	White/Green			
10	Shield2			
11	Black			
12	Violet			
13	Red/Blue			
14	Brown/Green			
15	Blue			
16	Brown			
17	White			

SEE IT BEFORE IT HAPPENS

# DYNAMIC LAYING CABLES SPECIFICATIONS

## SIGNAL CABLES for ALL SERVOMOTORS MODELS connection 29


MOTOR SIDE PIN	COLOUR	FUNCTION	DRIVE SIDE PIN	Resolver signal SUMITOMO cable for FLEXI PRO	For cable order	
5	Black/Blue	RefSin	19		Lenght (mm)	Order code
6	Blue	Sin	6		5000	003108011100
7	Black/Green	Ref-	21		10000	003108011102
8	Green	Ref+	8			
10	Shield	SHIELD	26			
11	Black/Red	RefCos	20			
12	Red	Cos	7			
16	White	PT 1000 (+)	12			
17	Black/White	PT 1000 (-)	25			

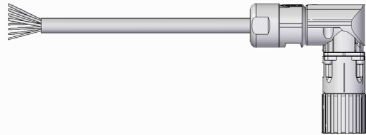
MOTOR SIDE PIN	COLOUR	FUNCTION	DRIVE SIDE PIN	Hiperface absolute encoder signal SUMITOMO cable for FLEXI PRO	For cable order	
17	White	PT 1000 (+)	25		Lenght (mm)	Order code
16	Brown	PT 1000 (-)	12		3000	003108011123
12	Pink	Cos	10		5000	003108020152
11	Grey	Cos-	23		10000	003108020153
10	Shield2	SHIELD	26			
8	Violet	Data+	1			
7	Black	Data-	14			
6	Green	Sin+	9			
5	Yellow	Sin-	22			
4	Red1	7-12V	18			
3	Blue1	GND	24			

SEE IT BEFORE IT HAPPENS






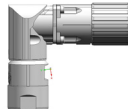
# DYNAMIC LAYING CABLES SPECIFICATIONS

## POWER CABLES

FUNCTION	PIN/M23	Power free wire cable	SKA DDR 090 - 148 - 245		SKA DDR 335 - 430	
Phase U	1		Lenght (mm)	Order code	Lenght (mm)	Order code
Phase V	4		3000	003108007314	3000	003108005080
Phase W	3		5000	003108007302	5000	003108005104
PE	2		10000	003108007316	10000	003108005106
N.C.	A					
N.C.	B					
PT 1000 (+)	C					
PT 1000 (-)	D					

Power free wire cable with M23 90° connector		SKA DDR 090 - 148 - 245		SKA DDR 335 - 430	
	Lenght (mm)	Order code	Lenght (mm)	Order code	
	3000	003108020075	3000	003108005108	
	5000	003108020076	5000	003108020014	
	10000	003108020077	10000	003108005110	

## FLYING CONNECTORS M23

<p>Straight power connector pin included                      BSTA108NN00580236000 + 4 PIN 60.003.11 FM/2mm CRIMP,0,35-2,5 SPRING + 4 PIN 60.001.11 FM/1mm CRIMP,0,14-1 SPRING</p>	order code 007117000472		
<p>Straight signal connenctor pin included                      ASTA014NN00410235000 17p/FM + 17 PIN 60.011.11 FM/1mm CRIMP,0,14-1</p>	order code 007117000462		
<p>90° power connector pin included                      BSDA108NN00420200000 + 4 PIN 60.003.11 FM/2mm CRIMP,0,35-2,5 SPRING + 4 PIN 60.001.11 FM/1mm CRIMP,0,14-1 SPRING</p>	order code 007117002055		
<p>90° signal connenctor pin included                      ASDA014NN00480150000 + 17 PIN 60.011.11 FM/1mm CRIMP,0,14-1</p>	order code 007117002056	