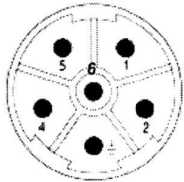


**POWER CIRCULAR CONNECTOR M23 (6 PINS Ø2mm)**

Réceptacle (male)



1	U	RED
2	V	BLACK
6	W	WHITE
1	GROUND	YELLOW-GREEN
4	BRAKE (+) optional	
5	BRAKE (-) optional	
CASE	SHIELD	

Panel mounted Intercontec Speedtec Ready "uncoded" clockwise numbering  
 Straight type: BEGA 116 MR 14 00 0200 000  
 Angle rotatable type: BEDC 106 MR 14 00 0201 000

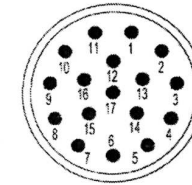
**POWER TERMINAL BOX**

MARKER

U	Phase U
V	Phase V
W	Phase W
GND	Ground
BD+	Brake supply (+)
BD -	Brake supply (-)

**SIGNAL CIRCULAR CONNECTOR M23 (17 PINS Ø1 mm)**

Réceptacle (male)



METAL REFERENCE  
 BETWEEN PIN 1 AND PIN 11

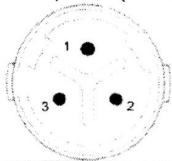
ENCODER / RESOLVER CABLE SHIELD  
 CONNECTED TO PIN 17 OF THE CONNECTOR

Panel mounted Intercontec Speedtec Ready "uncoded" clockwise numbering  
 Straight type: AEGA 113 MR04 00 0201 000  
 Angle rotatable type: AEDC 113 MR04 00 0201 000

Sincos incremental and absolute encoder - 2048 ppr				Absolute multiturn encoder - 12/19 bit			TTL+ Hall Effect encoder - 2048ppr			Resolver 2 poli			
521 Hengstler		OIH 48 TS5213N2515		AD36 Hengstler			EF36 Eltra		OIH 48 TS5214N5--		Tamagawa		
N	COLOR	COLOR	SIGNAL	N	COLOR	SIGNAL	N	COLOR	COLOR	SIGNAL	N	COLOR	SIGNAL
1	GREEN	BLUE	A+	1	WHITE-GREEN	A+	1	GREEN	BLUE	A+	1	YELLOW	SEN +
2	YELLOW	BLUE/BLACK	A-	2	BROWN-GREEN	A-	2	BROWN	BLUE/BLACK	A-	2	BLUE	SEN -
3	GRAY	YELLOW	R+ (Z)	3	PINK	+ DATA	3	BLUE	YELLOW	Z	3	RED - WHITE	V REF +
4	VIOLET	WHITE/BLACK	D- (ref. COS)	4	FREE		4	GRAY	BROWN/BLACK	U	4	FREE	
5	WHITE	BROWN	C+ (ref. SIN)	5	YELLOW	+ CLOCK	5	VIOLET	WHITE/BLACK	V	5	FREE	
6	BROWN	BROWN/BLACK	C- (ref. SIN)	6	FREE		6	WHITE-GREEN	WHITE	V-	6	FREE	
7	WHITE-GREEN	BLACK	0V	7	BROWN	0V	7	BLACK	BLACK	0V	7	FREE	
8		WHITE / RED	Th.p. (+)	8	WHITE / RED	Th.p. (+)	8		WHITE / RED	Th.p. (+)	8	WHITE / RED	Th.p. (+)
9		WHITE / BLACK	Th.p. (-)	9	WHITE / BLACK	Th.p. (-)	9		WHITE / BLACK	Th.p. (-)	9	WHITE / BLACK	Th.p. (-)
10	GRAY-PINK	RED	Up +5V (Vdc)	10	WHITE	Up +5V (Vdc)	10	RED	RED	+ Vdc	10	FREE	
11	BLUE	GREEN	B+	11	RED/BLUE	B+	11	YELLOW	GREEN/BLACK	B+	11	RED	COS +
12	RED	GREEN/BLACK	B-	12	GRAY/PINK	B-	12	PINK OR ORANGE	GREEN	B-	12	BLACK	COS -
13	PINK	YELLOW/BLACK	R- (Z)	13	GRAY	- DATA	13	WHITE	YELLOW/BLACK	Z-	13	YELLOW-WHITE	V REF -
14	BLACK	WHITE	D+ (ref. COS)	14	GREEN	- CLOCK	14	RED-BLUE	BROWN	U-	14	FREE	
15	BROWN-GREEN	GRAY/BLACK	0V sensor	15	BLACK	0V sensor	15	BROWN-GREEN	GRAY	W-	15	FREE	
16	RED-BLUE	GRAY	+5V sensor	16	VIOLET	+5V sensor	16	GRAY-PINK	GRAY/BLACK	W	16	FREE	
17	SHIELD	SHIELD	SHIELD	17	SHIELD	SHIELD	17	SHIELD	SHIELD	SHIELD	17	SHIELD	SHIELD

**ELECTRIC FAN CONNECTOR M16 (3 PINS X 1mm)**

Réceptacle (male)



1	L	BLACK
2	GROUND	YELLOW-GREEN
3	N	BLACK

Panel mounted Hummel straight type: 7850003010

Description		
Connection diagram for brushless servomotors		
Format	Drawing code	Rev.
A4	000101242	G