



## Cables

## Data sheet

HDD can deliver cables suitable for motors equipped with HDD's standard pinouts

### Content

- 2 Power and resolver cables, HDD standard "a" and "z" pinouts

### Connectors

HDD motors are supplied with contacts which are equivalent to the following connectors from Intercontec, [www.intercontec.biz](http://www.intercontec.biz).

#### Connector type

Power receptacle 3+4+gnd straight  
Power receptacle 3+4+gnd angled  
Power receptacle 5+gnd straight  
Power receptacle 5+gnd angled  
Signal receptacle 12-pole straight  
Signal receptacle 12-pole angled  
Signal receptacle 17-pole straight  
Signal receptacle 17-pole angled

#### Intercontec article number

B EG A 125 MR 13 00 0006 000  
B ED C 089 MR 13 00 0005 000  
B EG A 127 MR 10 00 0006 000  
B ED C 088 MR 10 00 0005 000  
A EG A 052 MR 04 00 0012 000  
A ED C 052 MR 04 00 0012 000  
A EG A 113 MR 04 00 0012 000  
A ED C 113 MR 04 00 0012 000

#### **HDD Servo motors AB**

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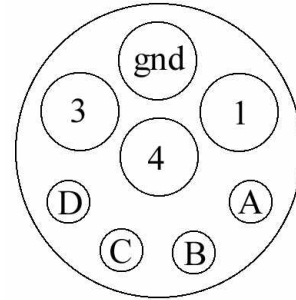
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Fax +46 8 995153

# HDD standard “a” and “z” pinouts

## Power cable, “A”, “Az”

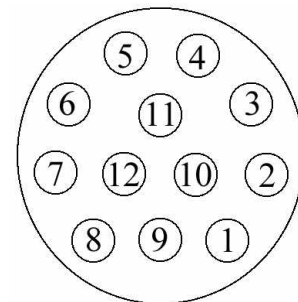
Cable mark	Pin	
1	1	Phase U
Yellow/Green	2	Ground
3	3	Phase W
2	4	Phase V
5	A	Brake +24V
6	B	Brake 0V
7	C	Trip thermistor (only “A”)
8	D	Trip thermistor (only “A”)



Type 8  
Connector seen from motor outside

## Resolver connector, “A”, “Az”

Cable color	Pin	
Red	1	Excitation high R1
Blue	2	Excitation low R2
-	3	N/C
White	4	Cos high S1
Brown	5	Cos low S3
Green	6	Sin low S4
Yellow	7	Sin high S2
-	8	N/C
-	9	N/C
-	10	N/C
Grey	11	Trip thermistor (only “Az”)
Pink	12	Trip thermistor (only “Az”)



Type 12  
Connector seen from motor outside