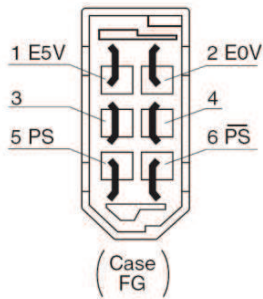


Wiring Diagram

Contact arrangement

with view on the solder termination side of the connector.

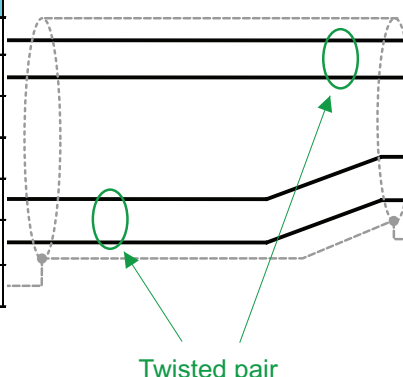


Driver side
CN X6 connector

Molex Connector		
Pin	color	signal
1	white	E5V
2	brown	E0V
3		
4		
5	green	PS
6	yellow	PS
housing	black	FG/shield

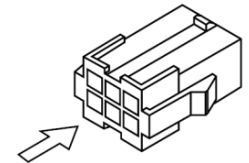
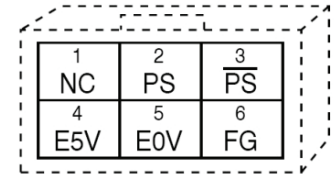
Motor side
Female circular connector

Binder IP67 Connector		
Pin	color	signal
4	white	E5V
5	brown	E0V
1		
2	green	PS
3	yellow	PS
6	black	FG



Twisted pair

Contact arrangement



Remarks:

- Please refer to the pin numbers on the connectors to avoid misunderstanding.
- The wire color assignment may differ depending on the cable used.
Use wire colors due to current standards (e.g. DIN47100).
- Wire the power and the signal connector with twisted pair wires.
- Ensure that the connectors housings/cases are connected to the cable shield.
- This cable is designed for use with MINAS A4 Series servo drives from 50W to 750W.
- For further information, refer to the manual.

Specification Sheet			Page 3 of 7
Product Number		Description	
MFECA0xx0EAM		Wiring	
Version	Date	Designed by	Approved
1.0	21.12.2006	Aicher	
1.01	15.03.2007	Aicher	
1.02	21.06.2007	Aicher	

2500 p/r Incremental Encoder Junction Cable

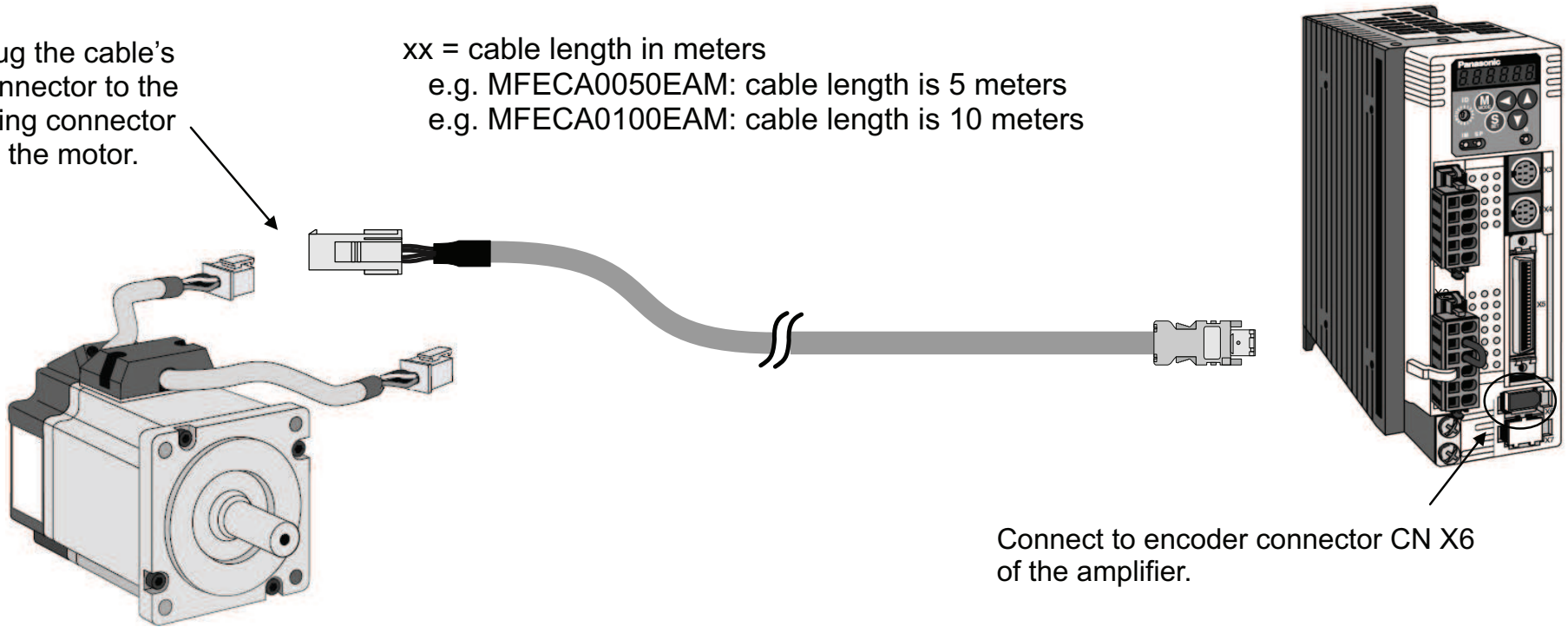
MINAS A4 servo motors from 50W to 750W, length xx meters, usable of drag chain

Plug the cable's connector to the fitting connector on the motor.

xx = cable length in meters

e.g. MFECA0050EAM: cable length is 5 meters

e.g. MFECA0100EAM: cable length is 10 meters



Remarks:

- This cable is designed for MINAS A4 servo motors from 50W to 750W with 2500 p/r incremental encoder only.
- Only connect the correct motor-amplifier combination.
- For further information, please refer to the corresponding manual.

Connect to encoder connector CN X6 of the amplifier.

Specification Sheet			
Product Number		Description	
MFECA0xx0EAM		Leaflet	
Version	Date	Designed by	Approved
1.0	21.06.2007	Aicher	