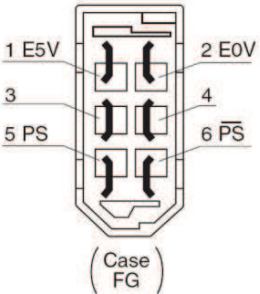


Wiring Diagram

Contact arrangement
 with view on the solder termination
 side of the connector.

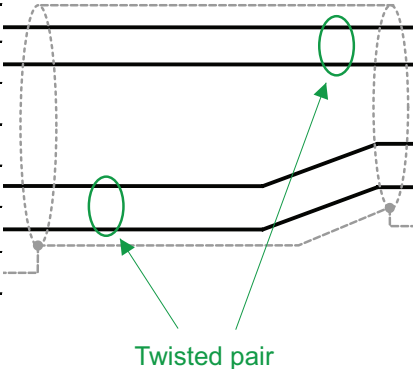


Driver side
 CN X6 connector

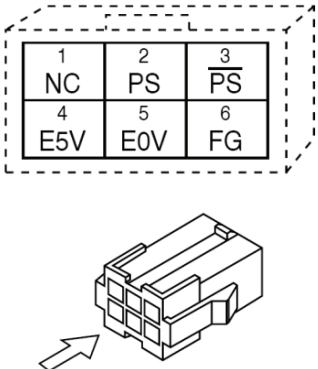
Molex Connector		
Pin	color	signal
1	white	E5V
2	brown	E0V
3		
4		
5	green	PS
6	yellow	PS
housing	black	FG/shield

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



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.

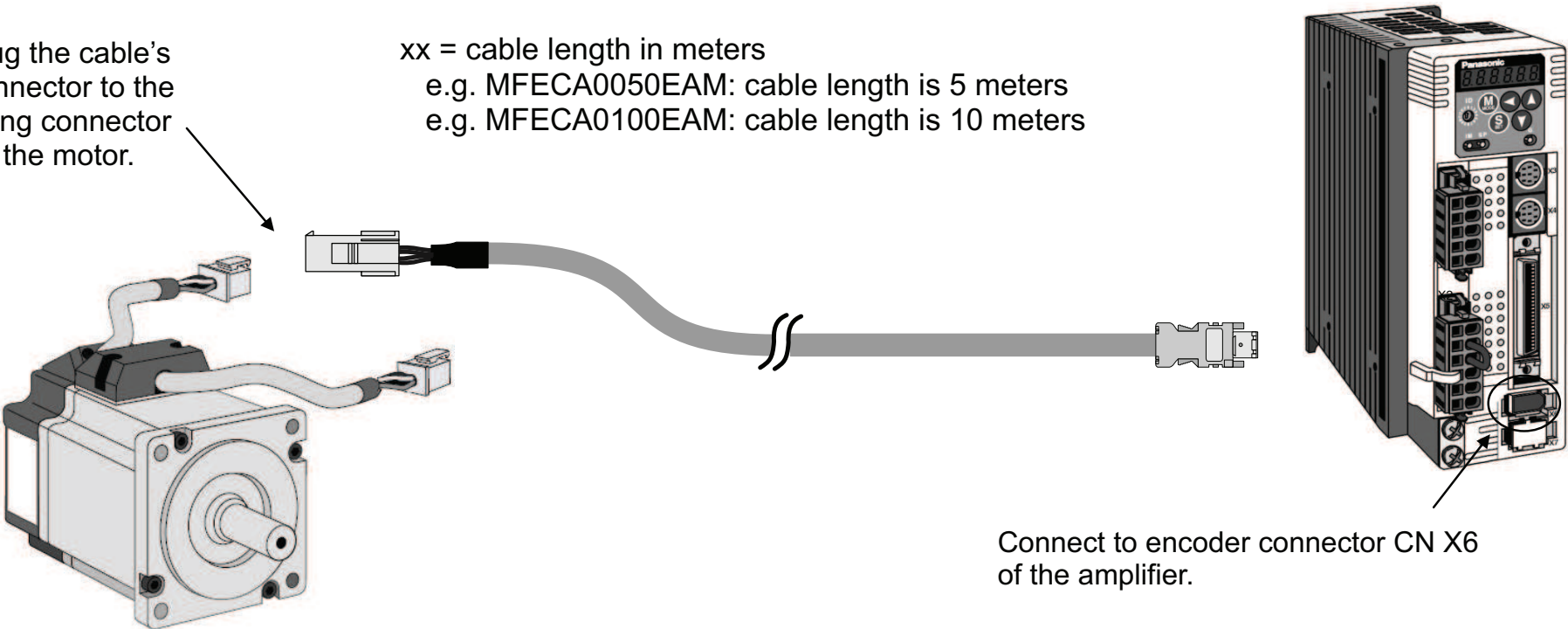
Specification Sheet				Page 3 of 7
Product Number		Description		
MFECA0xx0EAM		Wiring		
Version	Date	Designed by	Approved	
1.0	21.12.2006	Aicher		
1.01	15.03.2007	Aicher		
1.02	21.06.2007	Aicher		

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



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	

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.