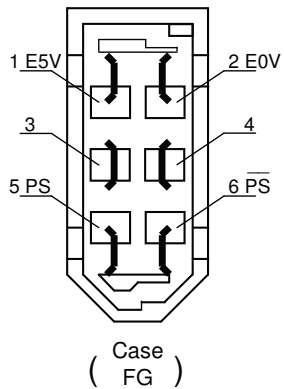


Contact arrangement
with view on the solder
termination side of
the connector.

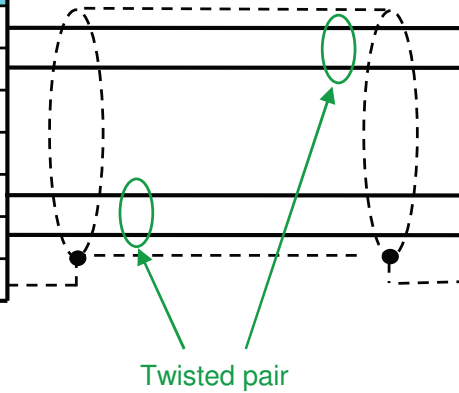
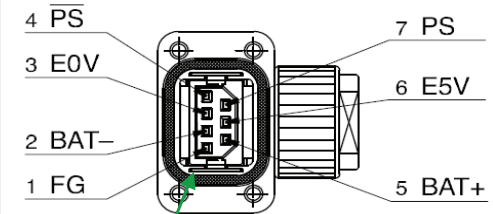


Driver side
CN X6 connector

Molex Connector		
Pin	Color	Signal
1	white	E5V
2	brown	E0V
3		
4		
5	green	PS
6	yellow	<u>PS</u>
housing	black	FG/shield

Motor side
connector

JAE Connector		
Pin	Color	Signal
6	white	E5V
3	brown	E0V
2		BAT-
5		BAT+
7	green	PS
4	yellow	<u>PS</u>
1	black	FG



Manufacture the connector in the
direction shown on the picture

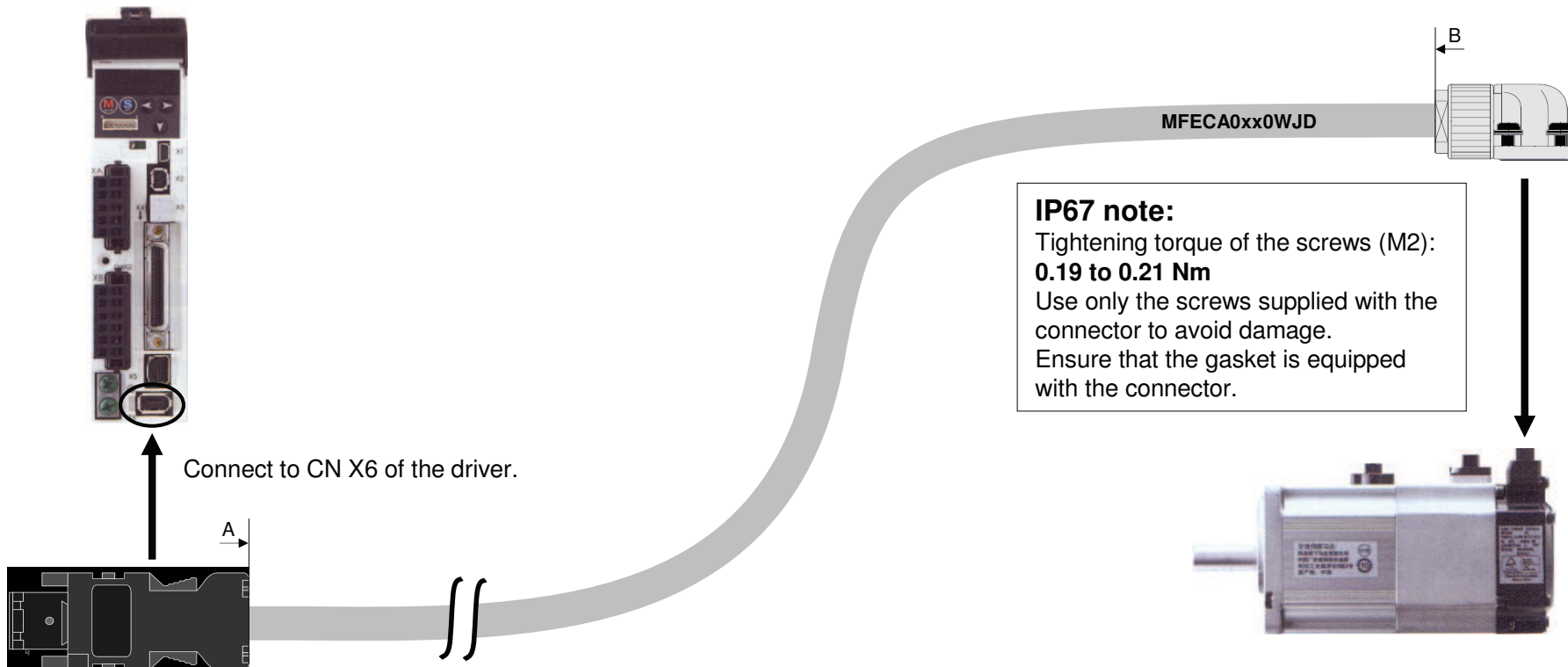
Remarks:

- 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. DIN 47100).
- Wire the power line (E0V, E5V) and the signal line (PS, PS) with twisted pair wires.
- Ensure that the connectors housing is connected to the cable shield.
- For further information, refer to the corresponding manual.

Specification Sheet			
Product Number		Description	
MFECA0xx0WJD		Wiring diagram	
Version	Date	designed by	approved
1.01	2010-12-14	Aicher	Millauer

Incremental Encoder Junction Cable

MINAS A5 MSME servo motors from 50W to 750W



Remarks:

- This cable is designed for MINAS A5 MSME servo motors from 50W to 750W.
- Connect the specified motor-driver combination only.
- The cable length is specified by the product number.
- The placeholder xx in this sheet represents the cable length in meters.
(Remark: Product numbers of customized cables may differ according to the length specification.)
- For further information, please refer to the corresponding manual.

Technical Information:

Features: Usable for drag chain, highly flexible, oil resistant, IP67, shielded, 2 x 2 x 0.25mm², TPE wire insulation,
Jacket: flame-retardant, halogen-free, low adhesion, DESINA code color
Distance A-B: 2 specified cable length
Operating voltage: 300V
Storage temperature: -30°C to +90°C
Operating temperature: -10°C to +90°C
Bending radius: ≥42mm (not moving, fixed installation)
≥55mm (moving, drag chain)

Specification Sheet			
Product Number		Leaflet	
MFECA0xx0WJD		Leaflet	
Version	Date	designed by	approved
1.01	2010-12-14	Aicher	Millauer