

SF series Motors - Connector pinout

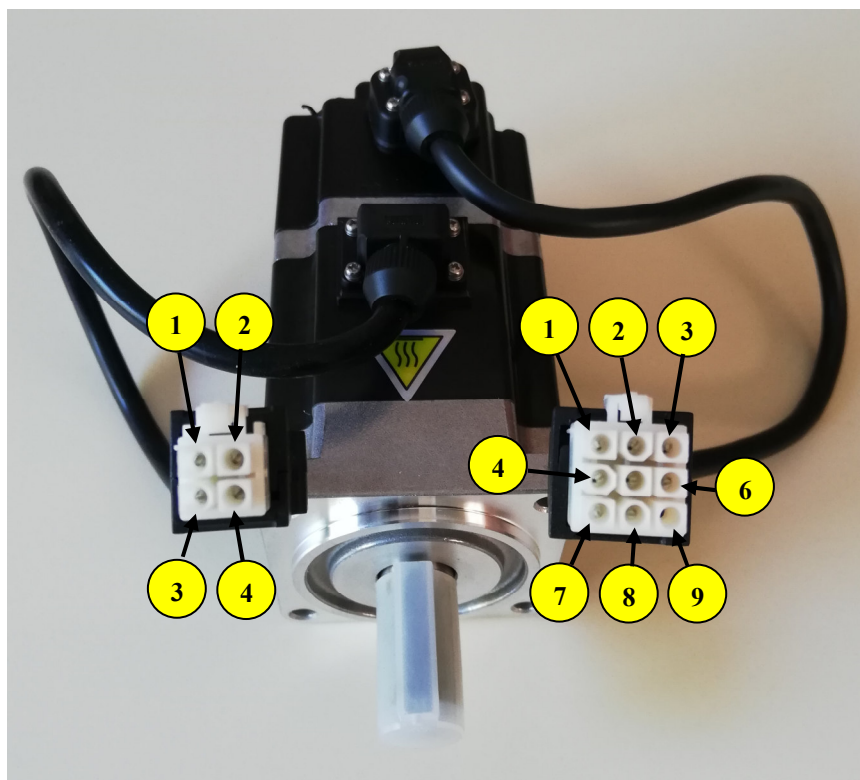
230V motor – feedback Tamagawa serial encoder

Motor reference : SFxxAxxx**C4**0xxx

A : version 230V

C4 : position sensor type Tamagawa serial encoder

0 : motor without brake



Power - 4-point connector		
Pin	Name	Description
1	U	Motor phase U
2	V	Motor phase V
3	W	Motor phase W
4	PE	Protective Earth

Encoder - 9-point connector		
Pin	Name	Description
1	PE	Protective Earth
2	5V	+5Vdc
3	0V	GND
4	SD+	Data +
5	SD-	Data -
6	VB+	External battery + *
7	VB-	External battery - *
8	BXGND	Box ground external battery *
9		Not connected

* in case of a multi-turn absolute encoder with external back-up battery, otherwise pins 6, 7 and 8 are not connected