



CAB-00042 – Wired Motor – Orbita

Ver.	Date	Pub	Chk	Description
A1	24/01/2023	EB	AC	Initial drawing.

1. Description

24V BLDC Motor (+Reduction + Encoder) wired for Orbita.

2. Bill of Material

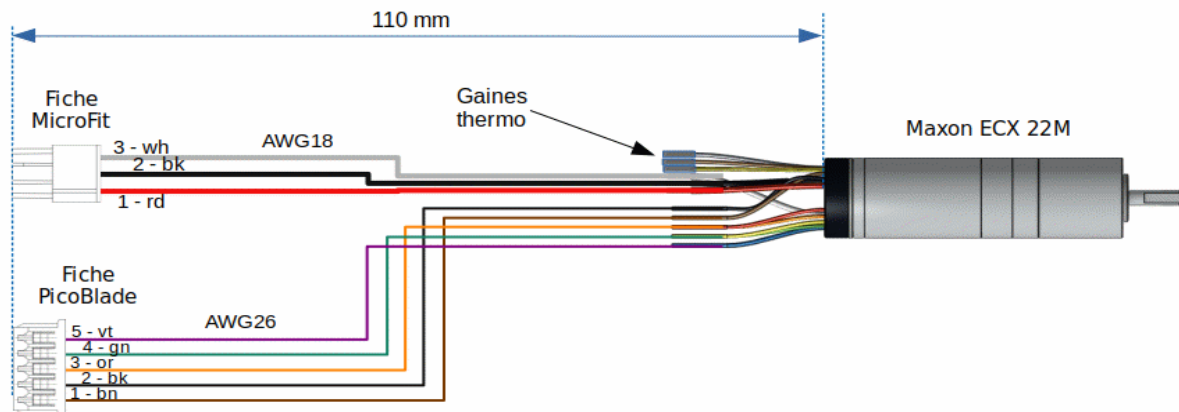
Item	Description	L (mm)	Qtté	Ref. Farnell / RS
BLDC Motor 24V + Reductor + Encoder	ECXTQ22M+GPX22 R1C+ENX22		1	<i>Provided par Pollen</i>
Molex PicoBlade Fem. Housing 5 ways	51021-0500		1	/
Contacts for PicoBlade	50079-8000		5	/
Molex MicroFit Fem. Housing 3 ways	43645-0300		1	/
Contacts for MicroFit	46235-0001		3	2284551 /
Gaine thermo				

3. Assembly

Molex PicoBlade Contacts are crimped with the Molex 63811-0000 Tool.

Molex MicroFit Contacts are crimped with the Molex 64016-0201 Tool.

4. Drawing



5. Nota

Please note that the PicoBlade wires are delivered as already cabled to a 10 ways connector:

Réglette à ressort 2.54 mm à 10 pôles (IEC/EN 60603-13 / DIN41651)

câbles AWG 26

Pin 1 Non connecté

Pin 2 (noir) V_{CC}

Pin 3 (brun) GND

Pin 4 Non connecté

Pin 5 (rouge) Canal \bar{A}

Pin 6 (orange) Canal A

Pin 7 (jaune) Canal B

Pin 8 (vert) Canal B

Pin 9 (bleu) Canal \bar{I}

Pin 10 (violet) Canal I

Signal de sortie: EIA standard RS 422

Courant de sortie par canal: ± 20 mA

