

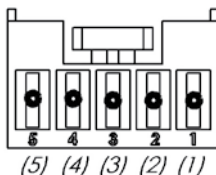
Silk-screen printing	Logic ID	Range	Clamps	Features - description
CN2	MOT1	0 - 12Vdc	CN1 - 8	Motor (BROWN)
	+12	12Vdc	CN1 - 7	Positive power pole
	Timer	0 - 5Vdc	CN1 - 6	Timer signal (GREEN)
	Limit switch	0 - 5Vdc	CN1 - 5	End-of-stroke signal (ORANGE)
	MOT2	0 - 12Vdc	CN1 - 4	Motor (GREY)
	GND	GND	CN1 - 3	Negative power pole
	GND	GND	CN1 - 2	GND timer signal (GREEN)
	GND	GND	CN1 - 1	GND end-of-stroke signal (YELLOW)

- Power

DC CURRENT VOLTAGE (nominal)	12Vdc
TOLERANCE:	- 10% / + 20% (* note)
DC CURRENT VOLTAGE (MIN÷MAX):	10,8 ÷ 14,4 Vdc

(*note) The value indicated takes into account average motor features and estimated work load. The value indicated here is the minimum value guaranteed for the system to work at maximum declared load. With reference to picture 1, voltage must be applied to clamps **7** and **3** of the 8-pole faston connector, making sure to connect the positive pole with the clamp and the ground to clamp **3**.

5.2.2 MOTOR CONNECTIONS



PICTURE 2 – MOTOR CONNECTOR, WIRE INLET, SIDE VIEW

Silk-screen printing	Logic ID	Range	Clamps	Features - description
Connector mounted on the motor	MOT1	0 - 12Vdc	PIN 5	Motor (BROWN)
	MOT2	0 - 12Vdc	PIN 4	Motor (GREY)
	Not used		PIN 3	Not used
	Timer	0 - 5Vdc	PIN 2	Timer signal (GREEN)
	Timer	0 - 5Vdc	PIN 1	Timer signal (GREEN)

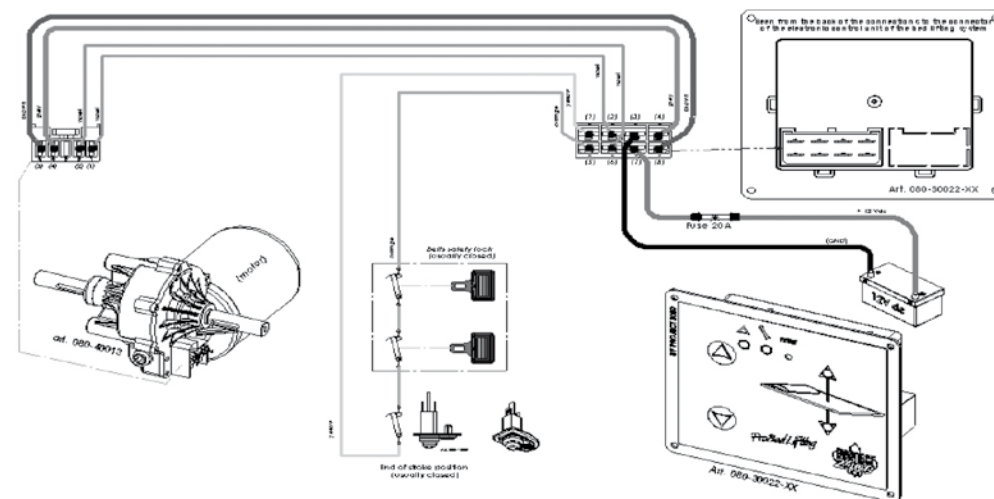
The motor has a 5-pole connector for a female movable connector represented in picture 2. The picture shows the connector from the cables connection side.

Wires No. **5** and **4** are motor connections, for the wiring please refer to diagram in picture 3.

Wires No. **2** and **1** are for the timer connection. This signal is a closing contact directly powered by the board. The voltage value detected when operating is from 0 to 5Vdc.

Wire No. 3 is not used.

5.2.3 WIRING



Connection electronic control unit for series 12600

PICTURE 3 – WIRING DIAGRAM

The diagram in picture. 3 summarizes all of the connections between the board and the other items that should be established in order for the system to work correctly.

The motor connections (pin 8 and 4 of the 8-pole connector) and power connections (pins 3 and 7 of the 8-pole connector) must be carried out exactly as shown in the picture, whereas the timer connection (pins 2 and 6 of the 8-pole connector) and the limit switch connection (pins 1 and 5 of the 8-pole connector) have no polarity and can be swapped.

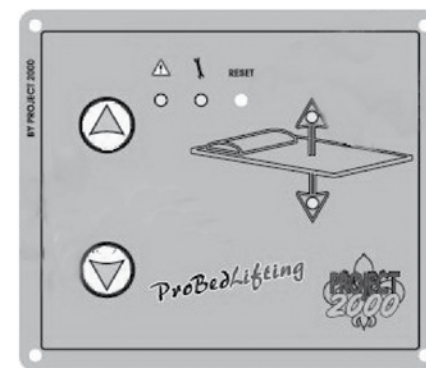
Follow the instructions provided with the bed lifting system (wiring diagram).

Comply with current CEI regulations during the installation operation.

The Manufacturer provides a set of standard cables for installation with the bed lifting system. After electric installation it will be possible to start up and test the system.

The Manufacturer shall be held harmless for any bed lifting system malfunctioning caused by not perfectly functioning electric system connections and to an wrong installation on the vehicle.

5.2.4 STARTING AND OPERATING



PICTURE 4 – CONTROLLER FRONT PANEL WITH ELECTRONIC ENCODER