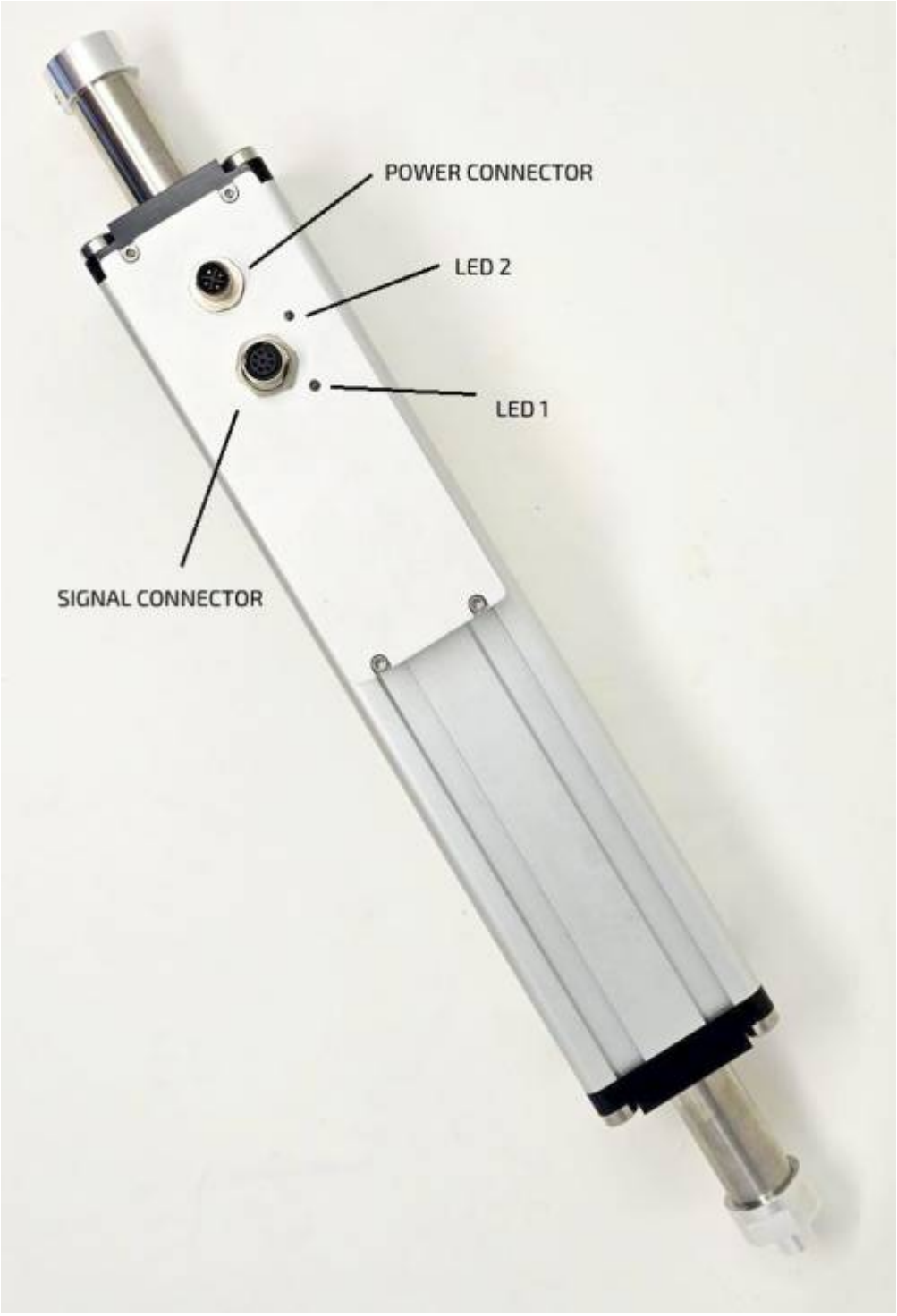
Connections

MODBUS RTU only



LED Indicators

LED	Color	Description / Function
LED 1	Green	Power - pulsing when motor is in no fault

LED 2	Red	Blinking when in MODBUS communication with PLC or NILAB Starter - fixed when the motor is in fault

Cables

The GDI integrated drive motor is equipped with two M12 connectors.
The power connector uses a power female cable DA00022011 with flying leads, and the signal connector uses a signal male cable DA00012011.



Signal cable DA00012011



Power cable DA022022

The signal cable DA00012011 terminates with a D-SUB 15 male connector with this pinout:

D-SUB 15 Pinout	SIGNAL	DESCRIPTION	FUNCTION
1	RS485_B	Modbus B	
2	RS485_A	Modbus A	
3	GND	Ground	
4	NC	Not connected	
5	NC	Not connected	
6	GND	Ground	
7	GND	Ground	
8	DIG_IN_0	Digital Input 0 (24V logic)	Enable/Homing
9	DIG_IN_1	Digital Input 1 (24V logic)	Motion trigger
10	DIG_OUT_0	Digital output 0 (24V logic, PNP)	Motor running
11	DIG_OUT_1	Digital output 1 (24V logic, PNP)	Motor fault
12	DIG_OUT_2	Digital output 2 (24V logic, PNP)	Programmable

The programmable outputs have the following options: In Position, Homing in progress, Overtemp fault, sin/cos fault, I2T fault, Master sync, gripper command. This is programmable with NILAB Starter software.

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