Connectors and indicators



LED Indicators

Indicators	Function	States	Color
CL1	Control logic	Active - blinking	Blue
RDY	EtherCAT Slave status	EtherCAT Ready - LED active PreOP state - LED flashing INIT state - LED off SafeOP - single flash	Green
ERR	EtherCAT Slave error status	EtherCAT Configuration Error - LED blinking No Error - LED off Unsolicited State Change - LED single flash Application Watchdog Timeout - LED double flash PDI Watchdog Timeout - LED active	Red
EL1	EtherCAT communication	Active - connection to EtherCAT	Orange
EL2	EtherCAT communication	Blinking - link port activity	Green
EL3	EtherCAT communication	Active - connection to EtherCAT	Orange
EL4	EtherCAT communication	Blinking - link port activity	Green

Connectors

C1 connector - 24VDC power (M12 A code 4 poles male)

M12 power cable, female A code - DA00027011, with flying leads.
The power cable terminates with two wires: RED (+24VDC), BLACK (GND).



C2 connector - Signal and communication (M12 8 poles female)

Signal cable male DA00012011 with D-SUB 15 male connector



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	STO1	Digital Input 0 (24V logic)	Safe torque off
9	STO2	Digital Input 1 (24V logic)	Safe torque off
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

C4 connector - EtherCAT IN (M8 4 poles female) DA0002911



C3 connector - EtherCAT OUT (M8 4 poles female) - PATCH CABLE DA0003911



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