

Module connections for modules with generation 1 connector to motor.

No.	Pin No.	Pin	Description	Color	Iso. Grou.	No.	Pin No.	Pin	Description	Color	Iso. Grou.
1: MAC00-xxx: Power cable M12 5-pin Male A-code, Eg, W11000-M12F5TxxN						10: MAC00-FP4: Profibus cable M12 5-pin Male/Female D-code, Eg, W11026-M12F/MSSxxN					
	1	P+	Main supply +12-48VDC.	Brown	1		1	- / 5VDC	-		2
	2	P+	Main supply +12-48VDC.	White	1		2	A-	Terminal A for the Profibus interface	Green	2
	3	P-	Main supply ground.	Blue	1		3	DGnd	Profibus-DP interface ground	-	2
	4	O+	Output Supply / Control Voltage	Black	1		4	B+	Terminal B for the Profibus interface	Red	2
	5	P-	Main supply ground.	Grey	1		5	Shield	Cable shield. Internally con. to motor housing.	Shield	2
2: MAC00-B4: IO cable M12 8-pin Male A-code, Eg, W11000-M12F8TxxN						11: MAC00-FS4: COM High Speed cable M12 5-pin Female A-code, Eg, W11000-M12M5TxxN					
	1	A+	Multifunction I/O terminal A+	White	1		1	-	Leave open	Brown	1
	2	A-	Multifunction I/O terminal A-	Brown	1		2	-	Leave open	White	1
	3	B+	Multifunction I/O terminal B+	Green	1		3	RS485 - A-	RS485 interface Positive terminal.	Blue	2
	4	B-	Multifunction I/O terminal B-	Yellow	1		4	RS485 - B+	RS485 interface Negative terminal.	Black	2
	5	O1	Digital output 1 - PNP output	Grey	1		5	Gnd	Ground	Grey	2
	6	O2	Digital output 2 - PNP output	Pink	1	12: MAC00-FS4, - R4: IO cable M12 8-pin Male A-code, Eg, W11000-M12M8TxxN					
	7	OCM	Ground	Blue	1		1	IN1	Digital input 1	White	3/2
	8	AIN	Analogue Input	Red	1		2	IN2	Digital input 2	Brown	3/2
3: MAC00-B4: COM cable M12 8-pin Female A-code, Eg, W11000-M12M8TxxN							3	IN3	Digital input 3	Green	3/2
	1	NC	Leave open	White	1		4	IN4	Digital input 4	Yellow	3/2
	2	RS232 - TX	RS232 interface. Transmit terminal	Brown	1		5	O1	Digital output 1 - PNP output	Grey	3/2
	3	RS232 - RX	RS232 interface. Receive terminal	Green	1		6	O2	Digital output 2 - PNP output	Pink	3/2
	4	Gnd	Ground	Yellow	1		7	O+	Output supply +5-32VDC. Used for O1-4.	Blue	3/2
	5	RS485 - B+	RS485 interface.	Grey	1		8	IO-	I/O ground	Red	3/2
	6	RS485 - A-	RS485 interface.	Pink	1	13: MAC00-FS4: COM+IO cable M12 8-pin Female A-code, Eg, W11000-M12M8TxxN					
	7	NC	Leave open	Blue	1		1	AIN1	Analogue Input 1	White	1
	8	NC	Leave open	Red	1		2	RS232 - TX	RS232 interface - transmit output	Brown	1
4: MAC00-B4, -R4: COM cable M12 5-pin Female A-code, Eg, W11000-M12M5TxxN							3	RS232 - RX	RS232 interface - receive input	Green	1
	1	RS232 - RX	RS232 interface. Receive terminal	Brown	1		4	Gnd	Ground	Yellow	1
	2	RS232 - TX	RS232 interface. Transmit terminal	White	1		5	A+	Multifunction I/O 1 terminal A+	Grey	1
	3	RS485 - B+	RS485 interface.	Blue	1		6	A-	Multifunction I/O 1 terminal A-	Pink	1
	4	RS485 - A-	RS485 interface.	Black	1		7	B+	Multifunction I/O 1 terminal B+	Blue	1
	5	Gnd	Ground	Grey	1		8	B-	Multifunction I/O 1 terminal B-	Red	1
8: MAC00-FC4: CAN cable M12 5-pin Male/Female A-code, Eg, W11006-M12F5(/M5)TxxN						20: MAC00-R4: IO cable M12 8-pin Male A-code, Eg, W11000-M12M8TxxN					
	1	CAN-Shield	Shield for the CAN interface	Shield	2		1	IN5	Digital input 5	White	2
	2	CAN-V+ (NC)	Reserved for FD4	Red	2		2	IN6	Digital input 6	Brown	2
	3	CAN-gnd	CAN interface ground	Black	2		3	IN7	Digital input 7	Green	2
	4	CAN-H	CAN interface. Positive signal line	White	2		4	IN8	Digital input 8	Yellow	2
	5	CAN-L	CAN interface. Negative signal line	Blue	2		5	O3	Digital output 3 - PNP output	Grey	2
9: MAC00-FC4, -FD4, -FP4: COM+IO, M12 8-pin Female A-code, Eg, W11000-M12M8TxxN							6	O4	Digital output 4 - PNP output	Pink	2
	1	IOC	I/O terminal C.	White	3		7	AIN1	Output supply +5-32VDC. Used for O1-4.	Blue	1
	2	RS232 - TX	RS232 interface - transmit output	Brown	1		8	Gnd	Ground AIN1	Red	1
	3	RS232 - RX	RS232 interface - receive input	Green	1	19: MAC00-B4: COM cable M12 8-pin Female A-code, Eg, RS232-M12-1-5-8					
	4	Gnd	Ground	Yellow	1		1	NC			1
	5	IOA	I/O terminal A.	Grey	3		2	RS232 - TX	RS232 interface. Transmit terminal	Brown	1
	6	IOB	I/O terminal B.	Pink	3		3	RS232 - RX	RS232 interface. Receive terminal	Green	1
	7	IO-	I/O ground to be used with IOA, -B, -C, -D	Blue	3		4	Gnd	Ground	Yellow	1
	8	IOD	I/O terminal D.	Red	3		5	NC			1
							6	NC			1
							7	NC			1
							8	NC			1