

Module connections for modules with generation 1 connector to motor.

No.	Pin No.	Pin	Description	Color	Iso. Group	No.	Pin No.	Pin	Description	Color	Iso. Group
<b>1: MAC00-xxx: Power cable M12 5-pin Male A-code, Eg, WI1000-M12F5TxxN</b>						<b>10: MAC00-FP4: Profibus cable M12 5-pin Male/Female D-code, Eg, WI1026-M12F/M5SxxN</b>					
	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
<b>2: MAC00-B4: IO cable M12 8-pin Male A-code, Eg, WI1000-M12F8TxxN</b>						<b>11: MAC00-FS4: COM High Speed cable M12 5-pin Female A-code, Eg, WI1000-M12M5TxxN</b>					
	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	<b>12: MAC00-FS4, -R4: IO cable M12 8-pin Male A-code, Eg, WI1000-M12F8TxxN</b>					
	7	OCM	Ground	Blue	1		1	IN1	Digital input 1	White	3
	8	AIN	Analogue Input	Red	1		2	IN2	Digital input 1	Brown	3
<b>3: MAC00-B4: COM cable M12 8-pin Female A-code, Eg, WI1000-M12M8TxxN</b>							3	IN3	Digital input 1	Green	3
	1	NC	Leave open	White	1		4	IN4	Digital input 1	Yellow	3
	2	RS232 - TX	RS232 interface. Transmit terminal	Brown	1		5	O1	Digital output 1 - PNP output	Grey	3
	3	RS232 - RX	RS232 interface. Receive terminal	Green	1		6	O2	Digital output 1 - PNP output	Pink	3
	4	Gnd	Ground	Yellow	1		7	O+	Output supply +5-32VDC. Used for O1-4.	Blue	3
	5	RS485 - B+	RS485 interface.	Grey	1		8	IO-	I/O ground	Red	3
	6	RS485 - A-	RS485 interface.	Pink	1	<b>13: MAC00-FS4, -R4: COM+IO cable M12 8-pin Female A-code, Eg, WI1000-M12M8TxxN</b>					
	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
<b>4: MAC00-B4, -R4: COM cable M12 5-pin Female A-code, Eg, WI1000-M12M5TxxN</b>							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
<b>8: MAC00-FC4: CAN cable M12 5-pin Male/Female A-code, Eg, WI1006-M12F5/(M5)TxxN</b>						<b>9: MAC00-FC4, -FD4, -FP4: COM+IO, M12 8-pin Female A-code, Eg, WI1000-M12M8TxxN</b>					
	1	CAN-Shield	Shield for the CAN interface	Shield	2		1	IOC	I/O terminal C.	White	3
	2	CAN-V+ (NC)	Reserved for FD4	Red	2		2	RS232 - TX	RS232 interface - transmit output	Brown	1
	3	CAN-gnd	CAN interface ground	Black	2		3	RS232 - RX	RS232 interface - receive input	Green	1
	4	CAN-H	CAN interface. Positive signal line	White	2		4	Gnd	Ground	Yellow	1
	5	CAN-L	CAN interface. Negative signal line	Blue	2		5	IOA	I/O terminal A.	Grey	3
<b>18: MAC00-B4, -R4: COM cable M12 5-pin Female A-code, Eg, RS232-M12-1-5-5</b>							6	IOB	I/O terminal B.	Pink	3
	1	RS232 - RX	RS232 interface. Receive terminal	Brown	1		7	IO-	I/O ground to be used with IOA, -B, -C, -D	Blue	3
	2	RS232 - TX	RS232 interface. Transmit terminal	White	1		8	IOD	I/O terminal D.	Red	3
	3	NC			1	<b>19: MAC00-B4: COM cable M12 8-pin Female A-code, Eg, RS232-M12-1-5-8</b>					
	4	NC			1		1	NC			1
	5	Gnd	Ground	Grey	1		2	RS232 - TX	RS232 interface. Transmit terminal	Brown	1
							3	RS232 - RX	RS232 interface. Receive terminal	Green	1
							4	Gnd	Ground	Yellow	1
							5	NC			1
							6	NC			1
							7	NC			1
							8	NC			1