## Connector signal description when used with MAC00-Ex41

	1) - M12 - 17pin female connector.	D:	N/I O ::	11-4
Signal name	Description	Pin no.	JVL Cable WI1009M12 M17TxxN	Isolation group (see note)
IN1	Input channel 1. Can be used as digital input	1	Brown	2
GND	Ground intended to be used toghether with the other signals related to isolation group 1 in this connector	2	Blue	1
IN2	Input channel 2. Can be used as digital input	3	White	2
IN3	Input channel 3. Can be used as digital input	4	Green	2
B2-	RS485 Multifunction I/O terminal B2-	5	Pink	1
IN4	Input channel 4. Can be used as digital input	6	Yellow	2
A2-	RS485 Multifunction I/O terminal A2-	7	Black	1
B2+	RS485 Multifunction I/O terminal B2+	8	Grey	1
OUT+	Output 1 and 2 supply input.  DO NOT connect >30V to this terminal!	9	Red	2
A2+	RS485 Multifunction I/O terminal A2+	10	Violet	1
01	Output 1. Can be used as digital output	11	Grey/pink	2
O2	Output 2. Can be used as digital output	12	Red/blue	2
AIN1	Analog input 1. Can be used as analog input ±10V.	13	White/Green	1
AIN2	Analog input 2. Can be used as analog input ±10V.	14	Brown/Green	1
RS232: RX	RS232 interface. Receive terminal Leave open if unused.	15	Green	1
IO-	Ground for IN1-4 and O1 and 2. Please notice that this terminal is normally isolated from the main ground and belongs to isolation group 2	16	Yellow/brown	2
RS232: TX	RS232 interface. Transmit terminal Leave open if unused.	17	White/Grey	1
COM (J2) -	M12 - 8pin female connector.			•
Signal name	Description	Pin no.	JVL Cable WI1000-M12 M8T05N	Isolation group (see note)
IN4	Input channel 4. Can be used as digital input	1	White	2
RS232: TX	RS232 interface. Transmit terminal Leave open if unused.	2	Brown	1
RS232: RX	RS232 interface. Receive terminal Leave open if unused.	3	Green	1
GND	Ground intended to be used toghether with the other signals related to isolation group 1 in this connector	4	Yellow	1
RS232: RX	Donali ( D. I. i. I. I.		Carri	1
	RS232 interface. Receive terminal Leave open if unused.	5	Grey	'
RS232: TX		6	Pink	1
	Leave open if unused.  RS232 interface. Transmit terminal Leave open if unused.  Analog input 1.		,	
RS232: TX AIN1 AIN2	Leave open if unused.  RS232 interface. Transmit terminal Leave open if unused.  Analog input 1. Can be used as analog input ±10V.  Analog input 2. Can be used as analog input ±10V.	6	Pink	1
RS232: TX AIN1 AIN2	Leave open if unused.  RS232 interface. Transmit terminal Leave open if unused.  Analog input 1. Can be used as analog input ±10V.  Analog input 2. Can be used as analog input ±10V.  M12 - 8pin male connector.	6	Pink Blue	1
RS232: TX AIN1 AIN2	Leave open if unused.  RS232 interface. Transmit terminal Leave open if unused.  Analog input 1. Can be used as analog input ±10V.  Analog input 2. Can be used as analog input ±10V.	6	Pink Blue Red JVL Cable WI1000-M12	1 1 1 Isolation group
RS232: TX AIN1 AIN2 I/O 1 (J3) - I	Leave open if unused.  RS232 interface. Transmit terminal Leave open if unused.  Analog input 1. Can be used as analog input ±10V.  Analog input 2. Can be used as analog input ±10V.  M12 - 8pin male connector.  Description	6 7 8 Pin no.	Pink  Blue  Red  JVL Cable WI1000-M12 F8T05N	1 1 1 Isolation group (see note)
RS232: TX AIN1 AIN2 I/O 1 (J3) - I Signal name	Leave open if unused.  RS232 interface. Transmit terminal Leave open if unused.  Analog input 1. Can be used as analog input ±10V.  Analog input 2. Can be used as analog input ±10V.  M12 - 8pin male connector.	6 7 8	Pink Blue Red JVL Cable WI1000-M12	1 1 1 Isolation group
RS232: TX AIN1 AIN2 I/O 1 (J3) - I Signal name IN1 IN2	Leave open if unused.  RS232 interface. Transmit terminal Leave open if unused.  Analog input 1. Can be used as analog input ±10V.  Analog input 2. Can be used as analog input ±10V.  M12 - 8pin male connector.  Description  Input channel 1. Can be used as digital input Input channel 2. Can be used as digital input	6 7 8 Pin no.	Pink Blue Red  JVL Cable WI1000-M12 F8T05N White Brown	1 1 1 Isolation group (see note) 2
RS232: TX AIN1 AIN2 I/O 1 (J3) -	Leave open if unused.  RS232 interface. Transmit terminal Leave open if unused.  Analog input 1. Can be used as analog input ±10V.  Analog input 2. Can be used as analog input ±10V.  M12 - 8pin male connector.  Description  Input channel 1. Can be used as digital input Input channel 2. Can be used as digital input Input channel 3. Can be used as digital input Ground for IN1-4 and O1 and 2. Please notice that this terminal is normally isolated from the	6 7 8 Pin no.	Pink  Blue  Red  JVL Cable WI1000-M12 F8T05N  White	1 1 1 Isolation group (see note) 2
RS232: TX AIN1 AIN2 I/O 1 (J3) - I Signal name IN1 IN2 IN3	Leave open if unused.  RS232 interface. Transmit terminal Leave open if unused.  Analog input 1. Can be used as analog input ±10V.  Analog input 2. Can be used as analog input ±10V.  M12 - 8pin male connector.  Description  Input channel 1. Can be used as digital input Input channel 2. Can be used as digital input Input channel 3. Can be used as digital input Ground for IN1-4 and O1 and 2. Please notice	6 7 8 Pin no.	Pink Blue Red  JVL Cable WI1000-M12 F8T05N White Brown Green	1 1 1 Isolation group (see note) 2 2

GND	Ground intended to be used toghether with	7	Blue	1
	the other signals related to isolation group 1 in			
	this connector			
OUT+	Output 1 and 2 supply input.	8	Red	2
	DO NOT connect >30V to this terminal!			
I/O 2 (J4) - I	M12 - 8pin male connector.			
Signal name	Description	Pin no.	JVL Cable WI1000-M12 F8T05N	Isolation group (see note)
IN4	Input channel 4. Can be used as digital input	1	White	2
AIN1	Analog input 1.	2	Brown	1
	Can be used as analog input ±10V.			
AIN2	Analog input 2.	3	Green	1
	Can be used as analog input ±10V.			
IO-	Ground for IN1-4 and O1 and 2. Please notice	4	Yellow	2
	that this terminal is normally isolated from the			
00	main ground and belongs to isolation group 2	-	0	0
02	Output 2. Can be used as digital output	5	Grey	2
01	Output 1. Can be used as digital output	6	Pink	2
GND	Ground intended to be used toghether with	7	Blue	1
	the other signals related to isolation group 1 in			
	this connector			
OUT+	Output 1 and 2 supply input.  DO NOT connect >30V to this terminal!	8	Red	2

## Connector signal description when used with MIS34xxxxExxx

Minosmit	BYPASS (J	1) - M12 - 17pin female connector.			
Ground intended to be used toghether with the other signals in this connector the other signals in this connector the other signals in this connector to the other signals are signal or output and the other signals in this connector to the other signals in the connector.	Signal name	Description	Pin no.	WI1009M12 M17TxxN	Isolation group (see note)
the other signals in this connector   102					•
103	GND	the other signals in this connector	2		1
B1	102	I/O channel 2. Can be used as input or output	3	White	1
A1	IO3	I/O channel 3. Can be used as input or output	4	Green	1
A1	B1-	RS422 I/O terminal B-	5	Pink	1
B1+	IO4		6	Yellow	1
CVO Supply output. Connected internally to the CVI terminal in the PWR connector.  A1+ R\$422 I/O terminal A+ 10 Violet 1  I/O channel 5. Can be used as input or output 11 Grey/pink 1  I/O channel 6. Can be used as input or output 12 Red/blue 1  I/O channel 7. Can be used as input or output 12 Red/blue 1  I/O channel 8. Can be used as input or output 13 White/Green 1  I/O channel 8. Can be used as input or output 14 Red/blue 1  I/O channel 8. Can be used as input or output 15 Red/blue 1  I/O channel 8. Can be used as input or output 15 Red/blue 1  I/O channel 8. Can be used as input or output 15 Red/blue 1  I/O channel 8. Can be used as input or output 15 Red/blue 1  I/O channel 9. Cerebro 15 Red/blue 1  I/O channel 10 Red 15 Red/blue 1  I/O channel 10 Red 15 Red/blue 1  I/O channel 10 Red 16 Red 15 Red/blue 1  I/O channel 10 Red 16 Red 1				Black	•
terminal in the PWR connector.			8	Grey	1
I/O channel 5. Can be used as input or output   11   Grey/pink   1   I/O channel 6. Can be used as input or output   12   Red/blue   1   I/O channel 7. Can be used as input or output   13   White/Green   1   I/O channel 8. Can be used as input or output   13   White/Green   1   I/O channel 8. Can be used as input or output   14   Grey/pink   1   RS485+   RS485 interface. Leave open if unused   15   Red/blue   1   GREY/pink   1   RS485+   RS485 interface. Leave open if unused   16   Yellow/brown   1   EXTBACKUP   Connect to ground if not used.   This terminal can be connected to an external supply.   Connect to ground if not used.   This terminal can be connected to an external supply.   Connect to ground if not used.   This terminal can be connected to an external supply.   This terminal can be connec	CVO	terminal in the PWR connector.	9		1
106	A1+	RS422 I/O terminal A+	10	Violet	1
I/O channel 7. Can be used as input or output   13   White/Green   1   108   I/O channel 8. Can be used as input or output   14   Grey/pink   1   15   R8485   RS485 interface. Leave open if unused   15   Red/blue   1   16	IO5		11	Grey/pink	1
I/O channel 8. Can be used as input or output	IO6	I/O channel 6. Can be used as input or output	12	Red/blue	1
RS485+ RS485 interface. Leave open if unused 15 Red/blue 1 GND/ Only for motors installed with the H3 option (absolute multiture menoder). This terminal can be connected to an external supply. Connect to ground if not used.  RS485- RS485 interface. Leave open if unused 17 White/grey 1  COM (J2) - M12 - 8pin female connector.  Signal name Description Pin no. JVL Cable W11000-M12 M8705N (see r W11000-M12 M8705N)  RS485- RS485 interface. Leave open if unused 2 Brown 1  RS485- RS485 interface. Leave open if unused 3 Green 1  GND Ground intended to be used toghether with the other signals in this connector 4 W7 ellow 1  RS485- RS485 interface. Leave open if unused 5 Grey 1  RS485- RS485 interface. Leave open if unused 6 Pink 1  I/O channel 7. Can be used as input or output 7 Blue 1  I/O 1 (J3) - M12 - 8pin male connector.  Signal name Description Pin no. JVL Cable W11000-M12 RS485- RS485 interface. Leave open if unused 6 Pink 1  I/O 1 (J3) - M12 - 8pin male connector.  Signal name Description Pin no. JVL Cable W11000-M12 RS485- RS485 interface. Leave open if unused 6 Pink 1  I/O 1 (J3) - M12 - 8pin male connector.  Signal name Description Pin no. JVL Cable W11000-M12 RS485- RS485 interface. Leave open if unused 6 Pink 1  I/O 2 (J4) - M12 - 8pin male connector.  Signal name Description Pin no. JVL Cable W11000-M12 RS485- RS485 interface. Leave open if unused 6 Pink 1  I/O 1 (J3) - M12 - 8pin male connector.  Signal name Description Pin no. JVL Cable W11000-M12 RS485- RS485 Interface. Leave open if unused 6 Pink 1  I/O 2 (J4) - M12 - 8pin male connector 0 RS485 RS4	107	I/O channel 7. Can be used as input or output	13	White/Green	1
GND/ EXTBACKUP  Consider multiture encoder). This terminal can be connected to an external supply. Connect to ground if not used.  RS485- RS485 interface. Leave open if unused 17 White/grey 1  COM (J2) - M12 - 8pin female connector.  Signal name  Description  Pin no.  JVL Cable W11000-M12 group M8705N  RS485- RS485 interface. Leave open if unused 2 Brown 1  RS485- RS485 interface. Leave open if unused 2 Brown 1  RS485- RS485 interface. Leave open if unused 3 Green 1  GND Ground intended to be used toghether with the other signals in this connector RS485+ RS485 interface. Leave open if unused 5 Grey 1  RS485- RS485 interface. Leave open if unused 5 Grey 1  RS485- RS485 interface. Leave open if unused 5 Grey 1  RS485- RS485 interface. Leave open if unused 6 Pink 1  IOO I (J0) - M12 - 8pin male connector.  Signal name  Description  Pin no.  JVL Cable W11000-M12 FR5105N  RS485 RS485 Interface. Leave open if unused 6 Pink 1  IOO I (J0) - M12 - 8pin male connector.  Signal name  Description  Pin no.  JVL Cable W11000-M12 FR5105N  RS485 RS485 RS485 Interface. Leave open if unused 6 Pink 1  IOO I (J0) - M12 - 8pin male connector.  Signal name  Description  Pin no.  JVL Cable W11000-M12 FR5105N  RS485	IO8	I/O channel 8. Can be used as input or output	14	Grey/pink	1
Only for motors installed with the H3 option (absolute multiturn encoder). This terminal can be connected to an external supply. Connect to ground if not used.   RS485   RS485 interface. Leave open if unused   17   White/grey   1	RS485+		15		1
RS485- RS485 interface. Leave open if unused 17 White/grey 1  COM (12) - M12 - 8pin female connector.  Signal name Description Pin no. W1000-M12 group (see r M8705N)  IO4 I/O channel 4. Can be used as input or output 1 White 1 RS485- RS485 interface. Leave open if unused 2 Brown 1 RS485+ RS485 interface. Leave open if unused 3 Green 1 RS485+ RS485 interface. Leave open if unused 3 Green 1 RS485+ RS485 interface. Leave open if unused 3 Green 1 RS485+ RS485 interface. Leave open if unused 5 Grey 1 RS485- RS485 interface. Leave open if unused 6 Pink 1 RS485- RS485 interface. Leave open if unused 5 Grey 1 RS485- RS485 interface. Leave open if unused 6 Pink 1 RS485- RS485 interface. Leave open if unused 6 Pink 1 RS485- RS485 interface. Leave open if unused 6 Pink 1 RS485- RS485 interface. Leave open if unused 6 Pink 1 RS485- RS485 interface. Leave open if unused 6 Pink 1 RS485- RS485 interface. Leave open if unused 7 Blue 1 RS485- RS485 interface. Leave open if unused 8 Red 1 RS485- RS485 interface. Leave open if unused 1 RS485- RS485- RS485 interface. Leave open if unused 1 RS485- RS485 interface. Leave open if unused 1 RS485- RS485- RS485 interface. Leave open if unused 1 RS485- RS485- RS485 interface. Leave open if unused 1 RS485- RS485- RS485 interface. Leave open if unused 1 RS485- RS485- RS485 interface. Leave open if unused 1 RS485- RS485- RS485 interface. Leave open if unused 1 RS485- R		Only for motors installed with the H3 option (absolute multiturn encoder). This terminal	16	Yellow/brown	1
COM (J2) - M12 - 8pin female connector.  Signal name		Connect to ground if not used.			
Signal name   Description   Pin no.   JVL Cable W11000-M12 group (see r M8705N   White   1   White	RS485-	RS485 interface. Leave open if unused	1/	White/grey	1
Wi1000-M12 group (seer   I/O channel 4. Can be used as input or output   1   White   1   RS485- RS485 interface. Leave open if unused   2   Brown   1   RS485+ RS485 interface. Leave open if unused   3   Green   1   GND   Ground intended to be used toghether with the other signals in this connector   RS485+ RS485 interface. Leave open if unused   5   Grey   1   RS485+ RS485 interface. Leave open if unused   6   Pink   1   I/O channel 7. Can be used as input or output   7   Blue   1   I/O channel 8. Can be used as input or output   8   Red   1   I/O channel 8. Can be used as input or output   8   Red   1   I/O channel 9. Can be used as input or output   1   White   1   I/O channel 9. Can be used as input or output   2   Brown   1   I/O channel 9. Can be used as input or output   2   Brown   1   I/O channel 9. Can be used as input or output   3   Green   GND   I/O channel 9. Can be used as input or output   3   Green   GND   Ground intended to an external supply. Connect to ground if not used.   I/O channel 6. Can be used as input or output   6   Pink   1   I/O channel 6. Can be used as input or output   6   Pink   1   I/O channel 9. Can be used as input or output   6   Pink   1   I/O channel 9. Can be used as input or output   6   Pink   1   I/O channel 9. Can be used as input or output   6   Pink   1   I/O channel 9. Can be used as input or output   6   Pink   1   I/O channel 9. Can be used as input or output   6   Pink   1   I/O channel 9. Can be used as input or output   6   Pink   1   I/O channel 9. Can be used as input or output   6   Pink   1   I/O channel 9. Can be used as input or output   7   Blue   1   I/O channel 9. Can be used as input or output   1   I/O channel 9. Can be used as input or output   1   I/O   I/O channel 9. Can be used as input or output   1   I/O   I/O channel 9. Can be used as input or output   1   I/O   I/O channel 9. Can be used as input or output   1   I/O   I/O channel 9. Can be used as input or output   1   I/O   I/O channel 9. Can be used as input or output   1   I/O   I/O ch	COM (J2) - M	I12 - 8pin female connector.			
RS485	Signal name	Description	Pin no.	WI1000-M12	Isolation group (see note)
RS485+ RS485 interface. Leave open if unused 3 Green 1 GND Ground intended to be used toghether with the other signals in this connector  RS485+ RS485 interface. Leave open if unused 5 Grey 1 IO7 I/O channel 7. Can be used as input or output 7 Blue 1 IO8 I/O channel 8. Can be used as input or output 8 Red 1 I/O 1 (J3) - M12 - 8pin male connector.  Signal name Description Pin no. JVL Cable Wi1000-M12 F8705N ISO Connect to ground if not used.  IO3 I/O channel 3. Can be used as input or output 2 Brown 1 IO3 I/O channel 3. Can be used as input or output 3 Green GND/ Connect to ground if not used.  IO6 I/O channel 6. Can be used as input or output 5 Grey 1 IO5 I/O channel 6. Can be used as input or output 6 Pink 1 IOC Supply output. Connected internally to the CVI terminal in the PWR connector.  Signal name Description Pin no. Pin no. JVL Cable Wi1000-M12 F8705N ISO Connect to ground if not used.  IO7 I/O 2 (J4) - M12 - 8pin male connector Pin no. P	IO4	I/O channel 4. Can be used as input or output	1	White	1
GND Ground intended to be used toghether with the other signals in this connector  RS485+ RS485 interface. Leave open if unused 5 Grey 1 RS485- RS485 interface. Leave open if unused 6 Pink 1 RO7 I/O channel 7. Can be used as input or output 7 Blue 1 RS485- RS485 interface. Leave open if unused 6 Pink 1 RO8 I/O channel 8. Can be used as input or output 7 Blue 1 RS485- RS485 interface. Leave open if unused 6 Pink 1 RS485- RS485 interface. Leave open if unused 6 Pink 1 RS485- RS485 interface. Leave open if unused 6 Pink 1 RS485- RS485 interface. Leave open if unused 6 Pink 1 RS485- RS485 interface. Leave open if unused 6 Pink 1 RS485- RS485 interface. Leave open if unused 6 Pink 1 RS485- RS485 interface. Leave open if unused 6 Pink 1 RS485- RS485 interface. Leave open if unused 8 Pink 1 RS485- RS485 interface. Leave open if unused 8 Pink 1 RS485- RS485 interface. Leave open if unused 8 Pink 1 RS485- RS485 interface. Leave open if unused 8 Pink 1 RS485- RS485 interface. Leave open if unused 8 Red 1 RS485- RS485 interface. Leave open if unused 8 Red 1 RS485- RS485 interface. Leave open if unused 8 Red 1 RS485- RS485 interface. Leave open if unused 8 Red 1 RS485- RS485 interface. Leave open if unused 8 Red 1 RS485- RS485 interface. Leave open if unused 8 Red 1 RS485- RS485 interface. Leave open if unused 8 Red 1 RS485- RS485 interface. Leave open if unused 8 Red 1 RS485- RS485 interface. Leave open if unused 8 Red 1 RS485- RS485 interface. Leave open if unused 8 Red 1 RS485- RS485 interface. Leave open if unused 8 Red 1 RS485-RS485 interface. Leave open if unused 8 Red 1 RS485-RS485 interface. Leave open if unused 8 Red 1 RS485-RS485 interface. Leave open if unused 8 Red 1 RS485-RS485 interface. Leave open if unused 8 Red 1 RS485-RS485 interface. Leave open if unused 8 Red 1 RS485-RS485 interface. Leave open if unused 8 Red 1 RS615-RS		·			
the other signals in this connector  RS485+ RS485 interface. Leave open if unused 5 Grey 1  RS485- RS485 interface. Leave open if unused 6 Pink 1  I/O channel 7. Can be used as input or output 7 Blue 1  I/O totannel 8. Can be used as input or output 8 Red 1  I/O 1 (J3) - M12 - 8pin male connector.  Signal name Description Pin no. JVL Cable W11000-M12 F8T05N (see r W11000-M12 P8T05N)  I/O channel 1. Can be used as input or output 1 White 1  I/O channel 2. Can be used as input or output 2 Brown 1  I/O channel 3. Can be used as input or output 3 Green GND/ Cabole W1100 M12 Group (see r W11000-M12 Group M12)  I/O channel 3. Can be used as input or output 3 Green GND/ Cabole W1100 M12 Group M12 Green (absolute multiturn encoder). This terminal can be connected to an external supply. Connect to ground if not used.  I/O channel 5. Can be used as input or output 5 Grey 1  IOS I/O channel 6. Can be used as input or output 6 Pink 1  GND Ground intended to be used toghether with 7 Blue 1  GND Ground intended to be used toghether with the other signals in this connector CVO Supply output. Connected internally to the CVI terminal in the PWR connector.  I/O 2 (J4) - M12 - 8pin male connector.  Signal name Description Pin no. JVL Cable W11000-M12 F8T05N (see r W11000-M12 F8T05N)  I/O Channel 4. Can be used as input or output 1 White 1  I/O Channel 7. Can be used as input or output 2 Brown 1					•
RS485- RS485 interface. Leave open if unused 6 Pink 1 IO7 I/O channel 7. Can be used as input or output 7 Blue 1 IO8 I/O channel 8. Can be used as input or output 8 Red 1 I/O 1 (J3) - M12 - 8pin male connector.  Signal name Description Pin no. JVL Cable W11000-M12 group (see r W1000-M12 group (see		the other signals in this connector			1
I/O channel 7. Can be used as input or output   7   Blue   1     IO8					
I/O channel 8. Can be used as input or output   8   Red   1     I/O 1 (J3) - M12 - 8pin male connector.    Signal name   Description   Pin no.   JVL Cable WI1000-M12 F8T05N (see r r r r r r r r r r r r r r r r r r			_		•
I/O 1 (J3) - M12 - 8pin male connector.   Signal name					
Description   Pin no.   JVL Cable W11000-M12 group (see rate)			8	Red	1
WI1000-M12   Group (see not perfect to provide the provided see not perfect to provided see not perfect	I/O 1 (J3) - I	M12 - 8pin male connector.			
I/O channel 2. Can be used as input or output   2   Brown   1	Signal name		Pin no.	WI1000-M12	Isolation group (see note)
I/O channel 2. Can be used as input or output   2   Brown   1	IO1	I/O channel 1. Can be used as input or output	1	White	1
Only for motors installed with the H3 option (absolute multiturn encoder). This terminal can be connected to an external supply. Connect to ground if not used.   Occupied by the connect to ground if not used.   Occupied by the connect to ground if not used.   Occupied by the connect to ground if not used.   Occupied by the connect to ground if not used.   Occupied by the connect to ground intended to be used as input or output   Occupied by the connect or   Occupied by the	IO2	I/O channel 2. Can be used as input or output	_	Brown	1
(absolute multiturn encoder). This terminal can be connected to an external supply. Connect to ground if not used.  I/O channel 6. Can be used as input or output 5 Grey 1  I/O channel 5. Can be used as input or output 6 Pink 1  GND Ground intended to be used toghether with the other signals in this connector  CVO Supply output. Connected internally to the CVI terminal in the PWR connector.  I/O 2 (J4) - M12 - 8pin male connector.  Signal name Description Pin no. JVL Cable WI1000-M12 group (see rough)  I/O channel 4. Can be used as input or output 1 White 1  I/O channel 7. Can be used as input or output 2 Brown 1					4
Connect to ground if not used.    Connect to ground if not used.		(absolute multiturn encoder). This terminal	4	Yellow	1
I/O channel 6. Can be used as input or output   5   Grey   1     I/O channel 5. Can be used as input or output   6   Pink   1     GND   Ground intended to be used toghether with the other signals in this connector   7   Blue   1     CVO   Supply output. Connected internally to the CVI terminal in the PWR connector.   8   Red   1     I/O 2 (J4) - M12 - 8pin male connector.   Pin no.   JVL Cable WI1000-M12 group (see recommendation of the WI1000-M12 group (see recommendation of the WI1000-M12 group (see recommendation of the WI100 o		Connect to ground if not used.			
I/O channel 5. Can be used as input or output 6   Pink   1	IO6		5	Grev	1
GND Ground intended to be used toghether with the other signals in this connector  CVO Supply output. Connected internally to the CVI terminal in the PWR connector.  I/O 2 (J4) - M12 - 8pin male connector.  Signal name Description Pin no. JVL Cable Wi1000-M12 group (see root)  I/O channel 4. Can be used as input or output 1 White 1  I/O channel 7. Can be used as input or output 2 Brown 1		I/O channel 5. Can be used as input or output			-
Supply output. Connected internally to the CVI terminal in the PWR connector.  I/O 2 (J4) - M12 - 8pin male connector.  Signal name Description Pin no. JVL Cable WI1000-M12 group (see r)  I/O channel 4. Can be used as input or output 1 White 1  I/O channel 7. Can be used as input or output 2 Brown 1		Ground intended to be used toghether with			
Signal name     Description     Pin no.     JVL Cable WI1000-M12 group (see r       IO4     I/O channel 4. Can be used as input or output IO7     1/O channel 7. Can be used as input or output IO7     1/O channel 7. Can be used as input or output IO7     1/O channel 7. Can be used as input or output IO7     1/O channel 7. Can be used as input or output IO7     1/O channel IO7 <t< td=""><td>CVO</td><td>Supply output. Connected internally to the CVI</td><td>8</td><td>Red</td><td>1</td></t<>	CVO	Supply output. Connected internally to the CVI	8	Red	1
Signal name     Description     Pin no.     JVL Cable WI1000-M12 group (see r       IO4     I/O channel 4. Can be used as input or output IO7     1/O channel 7. Can be used as input or output IO7     1/O channel 7. Can be used as input or output IO7     1/O channel 7. Can be used as input or output IO7     1/O channel 7. Can be used as input or output IO7     1/O channel IO7 <t< td=""><td>I/O 2 (J4) - I</td><td>M12 - 8pin male connector.</td><td></td><td></td><td></td></t<>	I/O 2 (J4) - I	M12 - 8pin male connector.			
IO7 I/O channel 7. Can be used as input or output 2 Brown 1			Pin no.	WI1000-M12	Isolation group (see note)
IO7 I/O channel 7. Can be used as input or output 2 Brown 1	IO4	I/O channel 4. Can be used as input or output	1_		1_
	107		2	Brown	1
IO8 I/O channel 8. Can be used as input or output 3 Green 1	IO8	I/O channel 8. Can be used as input or output	3	Green	1

GND/ EXTBACKUP	Only for motors installed with the H3 option (absolute multiturn encoder). This terminal can be connected to an external supply. Connect to ground if not used.	4	Yellow	1
IO6	I/O channel 6. Can be used as input or output	5	Grey	1
IO5	I/O channel 5. Can be used as input or output	6	Pink	1
GND	Ground intended to be used toghether with the other signals in this connector	7	Blue	1
CVO	Supply output. Connected internally to the <b>CVI</b> terminal in the PWR connector.	8	Red	1