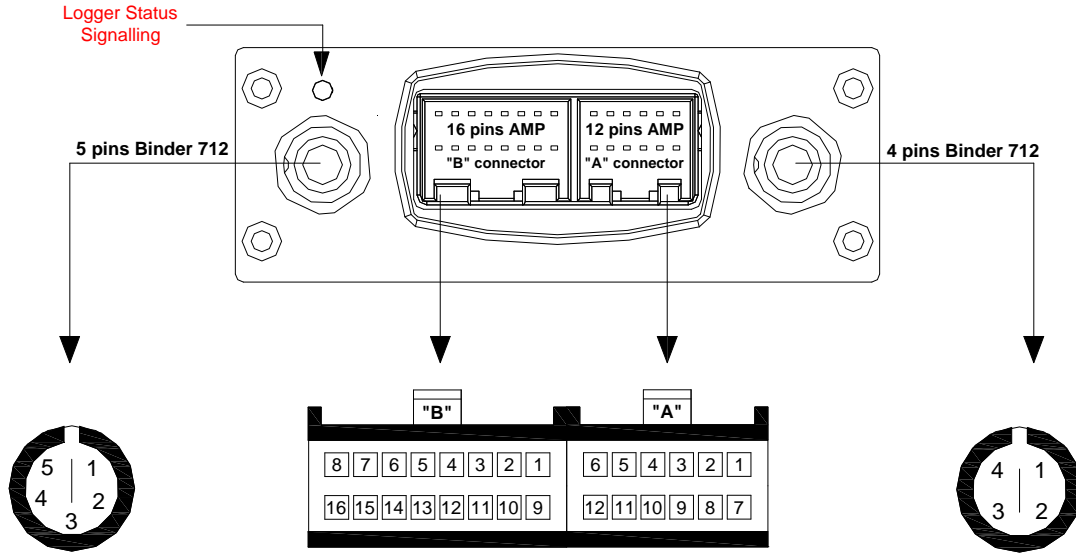


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EVO3 Pista pinout



5 pins Binder 712 connector

PIN	CONNECTION
1	CAN 0+
2	GND
3	+V battery
4	CAN 0-
5	9-15 V external battery

Segnalazione stato logger

Led status	Logger status
Blinking 1 Hz	Waiting to record
Steady	Recording
Blinking 3Hz	Logger status non ok

12 pins AMP "A" connector


PIN	CONNECTION
1	GND
2	9-15V External battery
3	CAN 1- (ECU interface)
4	CAN 1+ (ECU interface)
5	RS232Tx (ECU interface)
6	RS 232 Rx (ECU interface)
7	USB D-
8	RPM 150-400 V coil & square wave (>8V)
9	+V battery
10	GND
11	+V battery
12	Speed

4 pins Binder 712 connector

PIN	CONNECTION
1	Magnetic Lap
2	GND
3	+V battery
4	Optic Lap

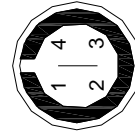
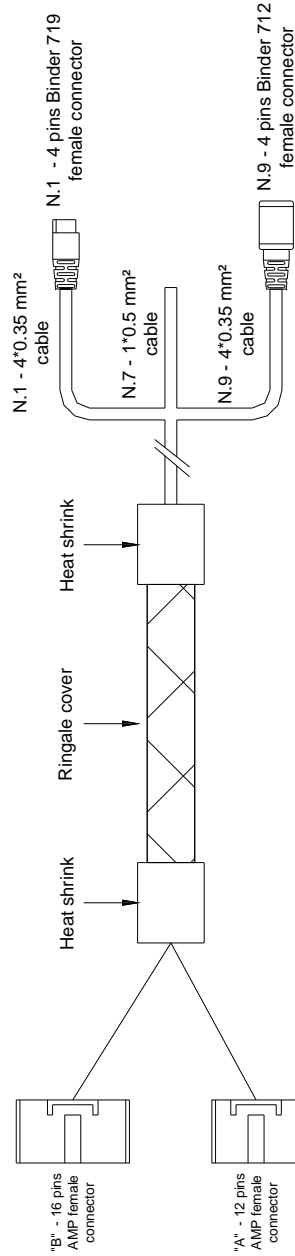
16 pins AMP "B" connector

PIN	CONNECTION
1	Analog channel 4
2	V reference
3	Analog GND
4	Analog channel 3
5	Analog channel 2
6	V reference
7	Analog GND
8	Analog channel 1
9	Analog channel 8
10	USB D+
11	Analog GND
12	Analog channel 7
13	Analog channel 6
14	V reference
15	Analog GND
16	Analog channel 5

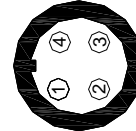
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LI				Scala / Scale
		Titolo / Title		
		Pinout EVO3 Pista		
N. disegno / Drawing N.			Rev. / Rev.	Foglio / Sheet
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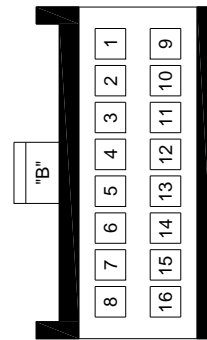
EVO3 Pista harness



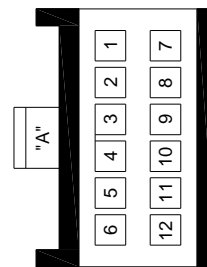
4 pins Binder 719
female connector pinout
solder termination view




4 pins Binder 712
female connector pinout
solder termination view



"B" - 16 pins AMP
female connector pinout
contact insertion view



"A" - 12 pins AMP
female connector pinout
contact insertion view

Rif. / Ref.	Q.tà / Q.ty	Materiale / Material		N. articolo / Item N.		
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		Titolo / Title				
		Cavo EVO3 Pista - Binder 712				
		N. disegno / Drawing N.	04.554.56	Rev. / Rev.	Foglio / Sheet	
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Table 1 - Binder 712 female connector

Label	Binder pin	Cable type	Cable colour	AMP 12 pin	AMP 16 pin	Connection	Lenght
Ch. 1	1	4x0.35 mm ²	white black red bleu		8	Analog input 1 Analog GND	350 mm
	2				7		
	3				6	V reference	
	4						
Ch. 2	1	4x0.35 mm ²	white black red bleu		5	Analog input 2 Analog GND	350 mm
	2				7		
	3				6	V reference	
	4						
Ch. 3	1	4x0.35 mm ²	white black red bleu		4	Analog input 3 Analog GND	350 mm
	2				3		
	3				6	V reference	
	4						
Ch. 4	1	4x0.35 mm ²	white black red bleu	9	1	Analog input 4 Analog GND +V battery V reference	400 mm
	2				3		
	3				2		
	4						
Ch. 5	1	4x0.35 mm ²	white black red bleu	9	16	Analog input 5 Analog GND +V battery V reference	400 mm
	2				15		
	3				2		
	4						
Ch. 6	1	4x0.35 mm ²	white black red bleu	9	13	Analog input 6 Analog GND +V battery V reference	400 mm
	2				15		
	3				2		
	4						
Ch. 7	1	4x0.35 mm ²	white black red bleu	11	12	Analog input 7 Analog GND + V battery V reference	450 mm
	2				11		
	3				14		
	4						
Ch. 8	1	4x0.35 mm ²	white black red bleu	11	9	Analog input 8 Analog GND +V battery V reference	450 mm
	2				11		
	3				14		
	4						
Speed	1	4x0.35 mm ²	white black red bleu	12 10 11		Speed GND +V battery	450 mm
	2						
	3						
	4						

Table 2 - Binder 719 female connector


Etichetta	Pin Binder	Tipo cavo	Colore cavo	Pin AMP 12	Pin AMP 16	Connessione	Lunghezza
USB	1	4x0.35 mm ²	bianco nero rosso blu	10 7	10	USB D+ GND USB D-	1000 mm
	2						
	3						
	4						

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Progettato da / Designed by		Contr. da / Ckd. by	Approvato da / Approved by	Nome file / File name		Data / Date	Scala / Scale
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		Titolo / Title					
		Cavo Evo3 Pista - Binder 712					
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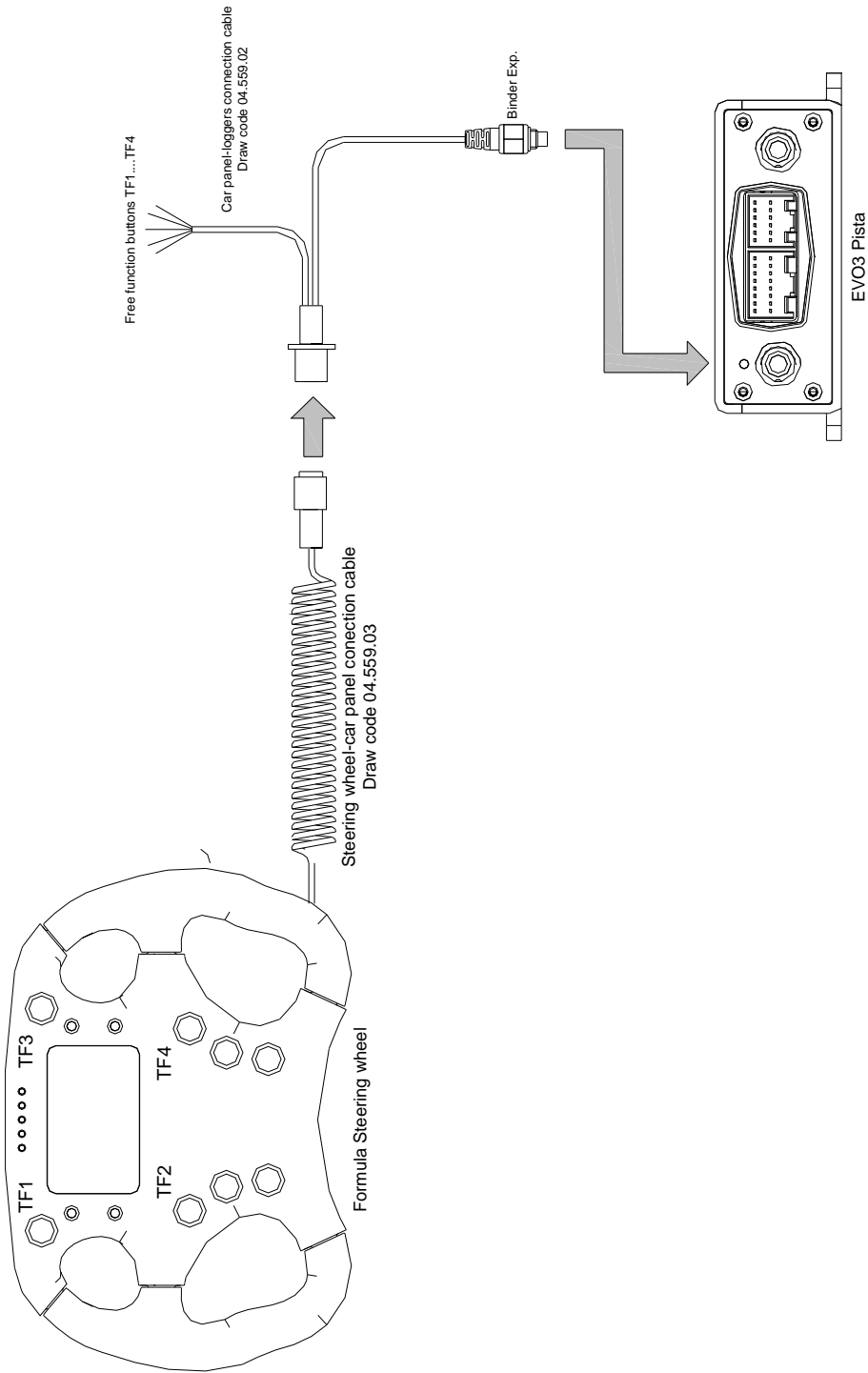
Table 3 - Not cabled channels


Channel	Cable type	Cable colour	AMP 12 pin	AMP 16 pin	Connection	Lenght
Power	1x0.5 mm ² 1x0.5 mm ²	red black	2 1		9-15 VDC GND	500 mm
RPM	1x0.5 mm ²	white	8		RPM coil-square wave	500 mm
CAN	1x0.5 mm ² 1x0.5 mm ²	white blue	4 3		CAN+ CAN-	500 mm
RS232	1x0.5 mm ² 1x0.5 mm ²	white blue	6 5		RS232RX RS232TX	500 mm

Rif. / Ref.	Q.tà / Q.ty	Materiale / Material			N. articolo / Item N.	
Progettato da / Designed by LI		Contr. da / Ckd. by	Approvato da / Approved by	Nome file / File name	Data / Date	Scala / Scale
 Racing Data Power		Titolo / Title Cavo EVO3 Pista - Binder 712				
		N. disegno / Drawing N. 04.554.56			Rev. / Rev.	Foglio / Sheet 3 of 3

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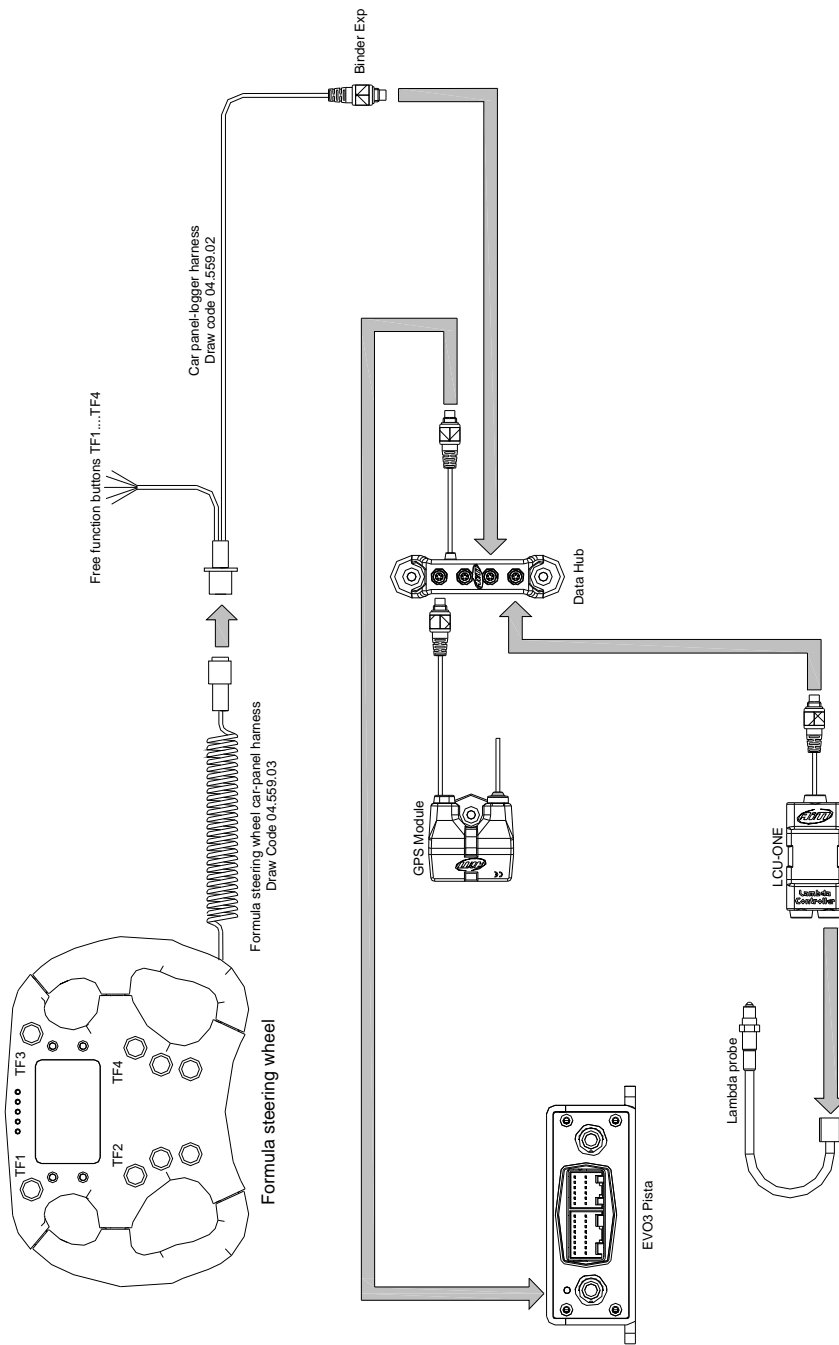
Connection scheme of EVO3 Pista + Formula Steering wheel




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 Racing Data Power		Titolo / Title Volante Formula + EVO3 Pista - versione senza giunto cablato				
		N. disegno / Drawing N.			Rev. / Rev.	Foglio / Sheet 1 of 1

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Example of network connection scheme with EVO3 Pista, Formula Steering wheel, GPS Module and LCU-ONE



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LI					
		Titolo / Title Esempio schema di collegamento : EVO3 Pro, Volante formula, Modulo GPS, LCU-ONE			
		N. disegno / Drawing N.		Rev. / Rev.	Foglio / Sheet 1 of 1