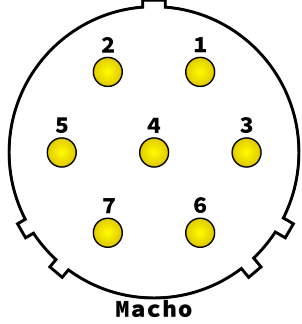
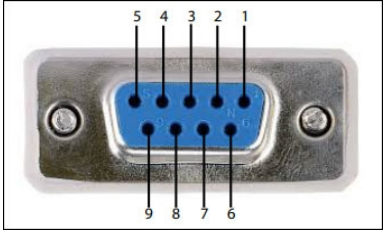




Vista Frontal

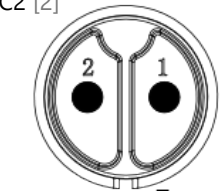


From	To	Conductor	Color	Size
C1.1	C2.1	CBL1.Red-VCC	Red	4 mm <sup>2</sup>
C1.2	C2.2	CBL1.Black-GND	Black	4 mm <sup>2</sup>
C1.3	C4.2	CBL3.Red-TX	Red	0.5 mm <sup>2</sup>
C1.4	C4.3	CBL3.Green-RX	Green	0.5 mm <sup>2</sup>
C1.5	C4.5	CBL3.Yellow-GND	Yellow	0.5 mm <sup>2</sup>
C1.6	C3.1	CBL2.Blue-CAN_H	Blue	0.5 mm <sup>2</sup>
C1.7	C3.2	CBL2.White-CAN_L	White	0.5 mm <sup>2</sup>



From	To	Conductor	Color	Size
C4.2	C1.3	CBL3.Red-TX	Red	0.5 mm <sup>2</sup>
C4.3	C1.4	CBL3.Green-RX	Green	0.5 mm <sup>2</sup>
C4.5	C1.5	CBL3.Yellow-GND	Yellow	0.5 mm <sup>2</sup>

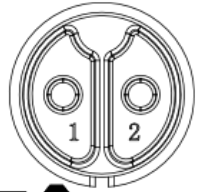
From	To	Conductor	Color	Size
C3.1	C1.6	CBL2.Blue-CAN_H	Blue	0.5 mm <sup>2</sup>
C3.2	C1.7	CBL2.White-CAN_L	White	0.5 mm <sup>2</sup>



Macho



From	To	Conductor	Color	Size
C2.1	C1.1	CBL1.Red-VCC	Red	4 mm <sup>2</sup>
C2.2	C1.2	CBL1.Black-GND	Black	4 mm <sup>2</sup>



Fêmea



From	To	Conductor	Color	Size
C9.1	S1	CBL5.Red-VCC	Red	4 mm <sup>2</sup>
C9.2	S1	CBL5.Black-GND	Black	4 mm <sup>2</sup>

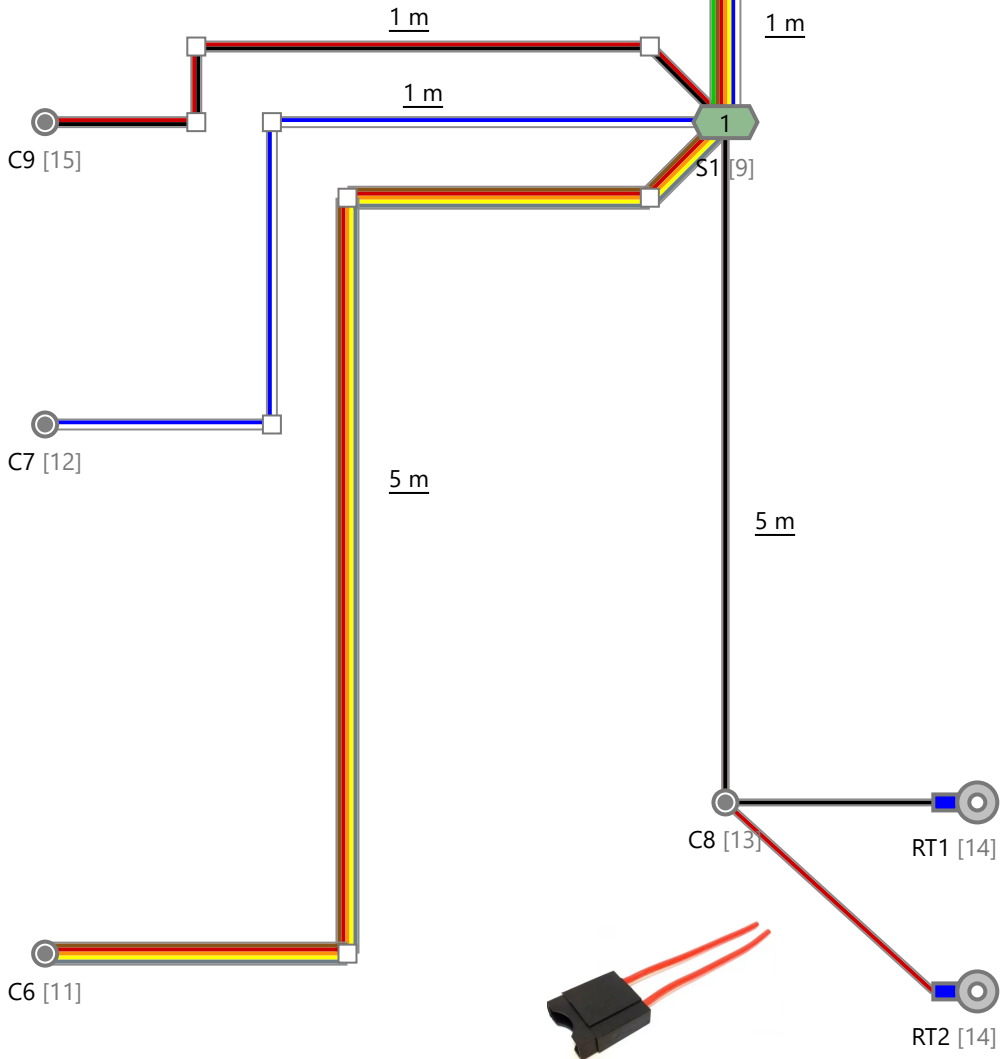


From	To	Conductor	Color	Size
C7.1	S1	CBL6.Blue-CAN_H	Blue	0.5 mm <sup>2</sup>
C7.2	S1	CBL6.White-CAN_L	White	0.5 mm <sup>2</sup>

From	To	Conductor	Color	Size
C6.1	S1	CBL9.Brown-GND	Brown	24 AWG
C6.1	S1	CBL9.Shield	Grey	24 AWG
C6.2	S1	CBL9.Red-5V	Red	24 AWG
C6.3	S1	CBL9.Orange-RX	Orange	24 AWG
C6.4	S1	CBL9.Yellow-TX	Yellow	24 AWG



From	To	Conductor	Color	Size
C5.1	S1	CBL4.Red-5V	Red	0.5 mm <sup>2</sup>
C5.2	S1	CBL4.Orange-RX	Orange	0.5 mm <sup>2</sup>
C5.3	S1	CBL4.Yellow-TX	Yellow	0.5 mm <sup>2</sup>
C5.4	S1	CBL4.Blue-CAN_H	Blue	0.5 mm <sup>2</sup>
C5.5	S1	CBL4.Brown-GND	Brown	0.5 mm <sup>2</sup>
C5.6	S1	CBL4.White-CAN_L	White	0.5 mm <sup>2</sup>
C5.7	S1	CBL4.Green-VCC	Green	0.5 mm <sup>2</sup>



From	To	Conductor	Color	Size
C8.1	S1	CBL7.Red-VCC	Red	4 mm <sup>2</sup>
C8.2	RT2	CBL8.Red-VCC	Red	4 mm <sup>2</sup>

Title GPS Steering

Part Number GPS Piloto

Description

Revision 1

	Name	Date
Drawn By	----	----
Eng Approved	----	----
Mfg Approved	----	----
QA	----	----

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<b>Title:</b>	----
<b>Part Number:</b>	GPS Piloto
<b>Description:</b>	



Rev.	Date	Author	Description

<b>Title:</b>	----
<b>Part Number:</b>	GPS Piloto
<b>Description:</b>	





























Flag	Quantity	Note










<b>Title:</b>	----
<b>Part Number:</b>	GPS Piloto
<b>Description:</b>	

Id	Type	Manufacturer	Part Number	Description	Quantity	Usage
1	Connector		SteeringMale		1	C1
2	Connector		YM-20 Male		1	C2
3	Cable		Power 2x4 mm		≥ 7 m	CBL1, CBL5, CBL7
4	Cable		CAN Bus		2 m	CBL2, CBL6
5	Connector		SD13-2 Male		1	C3
6	Cable		Steering RS232		1 m	CBL3
7	Connector		DB9		1	C4
8	Connector		SP20 90		1	C5
9	Splice				1	S1
10	Cable		GPS Steering		1 m	CBL4
11	Connector		SP21 Female		1	C6
12	Connector		SD13-2 Female		1	C7
13	Connector		Portafusivel		1	C8
14	Ring Terminal		Ring Terminal		2	RT1, RT2
15	Connector		YM-20 Female		1	C9
16	Cable		4mm Red			CBL8
17	Cable		Antenna		5 m	CBL9

<b>Title:</b>	----
<b>Part Number:</b>	GPS Piloto
<b>Description:</b>	

From	To	Conductor	Conductor PN	Twisted With	Size	Length	From Contact PN	Notes
C1.1	C2.1	 CBL1.Red-VCC	Power 2x4 mm		4 mm <sup>2</sup>	1 m		
C1.2	C2.2	 CBL1.Black-GND	Power 2x4 mm		4 mm <sup>2</sup>	1 m		
C1.3	C4.2	 CBL3.Red-TX	Steering RS232		0.5 mm <sup>2</sup>	1 m		
C1.4	C4.3	 CBL3.Green-RX	Steering RS232		0.5 mm <sup>2</sup>	1 m		
C1.5	C4.5	 CBL3.Yellow-GND	Steering RS232		0.5 mm <sup>2</sup>	1 m		
C1.6	C3.1	 CBL2.Blue-CAN_H	CAN Bus	White-CAN_L	0.5 mm <sup>2</sup>	1 m		
C1.7	C3.2	 CBL2.White-CAN_L	CAN Bus	Blue-CAN_H	0.5 mm <sup>2</sup>	1 m		
C5.1	S1	 CBL4.Red-5V	GPS Steering		0.5 mm <sup>2</sup>	1 m		
C5.2	S1	 CBL4.Orange-RX	GPS Steering		0.5 mm <sup>2</sup>	1 m		
C5.3	S1	 CBL4.Yellow-TX	GPS Steering		0.5 mm <sup>2</sup>	1 m		
C5.4	S1	 CBL4.Blue-CAN_H	GPS Steering		0.5 mm <sup>2</sup>	1 m		
C5.5	S1	 CBL4.Brown-GND	GPS Steering		0.5 mm <sup>2</sup>	1 m		
C5.6	S1	 CBL4.White-CAN_L	GPS Steering		0.5 mm <sup>2</sup>	1 m		
C5.7	S1	 CBL4.Green-VCC	GPS Steering		0.5 mm <sup>2</sup>	1 m		
C8.2	RT2	 CBL8.Red-VCC	4mm Red		4 mm <sup>2</sup>			
S1	C6.1	 CBL9.Brown-GND	Antenna		24 AWG	5 m		
S1	C6.1	 CBL9.Shield	Antenna			5 m		
S1	C6.2	 CBL9.Red-5V	Antenna		24 AWG	5 m		
S1	C6.3	 CBL9.Orange-RX	Antenna		24 AWG	5 m		
S1	C6.4	 CBL9.Yellow-TX	Antenna		24 AWG	5 m		
S1	C7.1	 CBL6.Blue-CAN_H	CAN Bus	White-CAN_L	0.5 mm <sup>2</sup>	1 m		
S1	C7.2	 CBL6.White-CAN_L	CAN Bus	Blue-CAN_H	0.5 mm <sup>2</sup>	1 m		
S1	C8.1	 CBL7.Red-VCC	Power 2x4 mm		4 mm <sup>2</sup>			
S1	C9.1	 CBL5.Red-VCC	Power 2x4 mm		4 mm <sup>2</sup>	1 m		
S1	C9.2	 CBL5.Black-GND	Power 2x4 mm		4 mm <sup>2</sup>	1 m		
S1	RT1	 CBL7.Black-GND	Power 2x4 mm		4 mm <sup>2</sup>	5 m		

<b>Title:</b>	----
<b>Part Number:</b>	GPS Piloto
<b>Description:</b>	

#	Type	Reference Designator	Manufacturer	Part Number	Color	Size	From Strip	To Strip	Length	Twisted With	Notes
1	Cable	CBL1		Power 2x4 mm	 Black	4 mm <sup>2</sup>			1 m	N/A	
2	Cable	CBL2		CAN Bus	 Black	0.5 mm <sup>2</sup>			1 m	N/A	
3	Cable	CBL3		Steering RS232	 Unspecified	0.5 mm <sup>2</sup>			1 m	N/A	
4	Cable	CBL4		GPS Steering	 Black	0.5 mm <sup>2</sup>			1 m	N/A	
5	Cable	CBL5		Power 2x4 mm	 Black	4 mm <sup>2</sup>			1 m	N/A	
6	Cable	CBL6		CAN Bus	 Black	0.5 mm <sup>2</sup>			1 m	N/A	
7	Cable	CBL7		Power 2x4 mm	 Black	4 mm <sup>2</sup>			≥ 5 m	N/A	
8	Cable	CBL8		4mm Red	 Red	4 mm <sup>2</sup>				N/A	
9	Cable	CBL9		Antenna	 White	24 AWG			5 m	N/A	

Title:	----
Part Number:	GPS Piloto
Description:	



#	Manufacturer	Part Number	Description	Label Text