

N.rev. / Rev. N.		Descrizione / Description		Data / date		Firma / Sign		Contr. da / Ckd. by	
37 pins Deutsch connector harness for MXS/MXG 37 pins Deutsch female connector N° 7 - 4 pins Binder 719 female connector N° 1 - 5 pins Binder 712 female connector N. 7 - 1x0.5 cables Harness front view SEZ A-A 37 pins Deutsch female connector External view Pin 1 Binder 719 female connector pinout Solder termination view Binder 712 female connector pinout Solder termination view 37 pins female Deutsch connector pinout Contact insertion view									
Rif. / Ref.		Q.tà / Q.ty		Materiale / Material		N. articolo / Item N.			
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		Titolo / Title Cablaggio standard connettore Deutsch 37 pin - MXS/MXG							
		N. disegno / Drawing N.		04.573.01		Rev. / Rev. 6		Foglio / Sheet 1 of 2	

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Table of cables ending with 4 pins Binder 719 female connector

37 pins Deutsch connector pin	Cable colour	Binder connector pin	Cable type	Cable length	Channel	Label
22 23 24 25	White Black Red Blue	1 2 3 4	4x0.35 mm ²	340 mm	Analog channel 1 GND V Battery V Reference	Channel 1
26 27 28 29	White Black Red Blue	1 2 3 4	4x0.35 mm ²	340 mm	Analog channel 2 GND V Battery V Reference	Channel 2
30 31 32 33	White Black Red Blue	1 2 3 4	4x0.35 mm ²	360 mm	Analog channel 3 GND V Battery V Reference	Channel 3
34 35 36 37	White Black Red Blue	1 2 3 4	4x0.35 mm ²	360 mm	Analog channel 4 GND V Battery V Reference	Channel 4
19 20 21	White Black Blue n.c.	1 2 3 4	3x0.35 mm ²	320 mm	Speed1 GND V Battery n.c.	Speed 1
16 17 18	n.c. Black Blue White	1 2 3 4	3x0.35 mm ²	320 mm	n.c. GND V Battery Lap ottico	Lap
12 14 13	White* Black Blue* n.c.	1 2 3 4	Twistato 2x0.35+ 1x0.35	1100 mm	USB D+ GND USB D- n.c.	USB

* Twisted

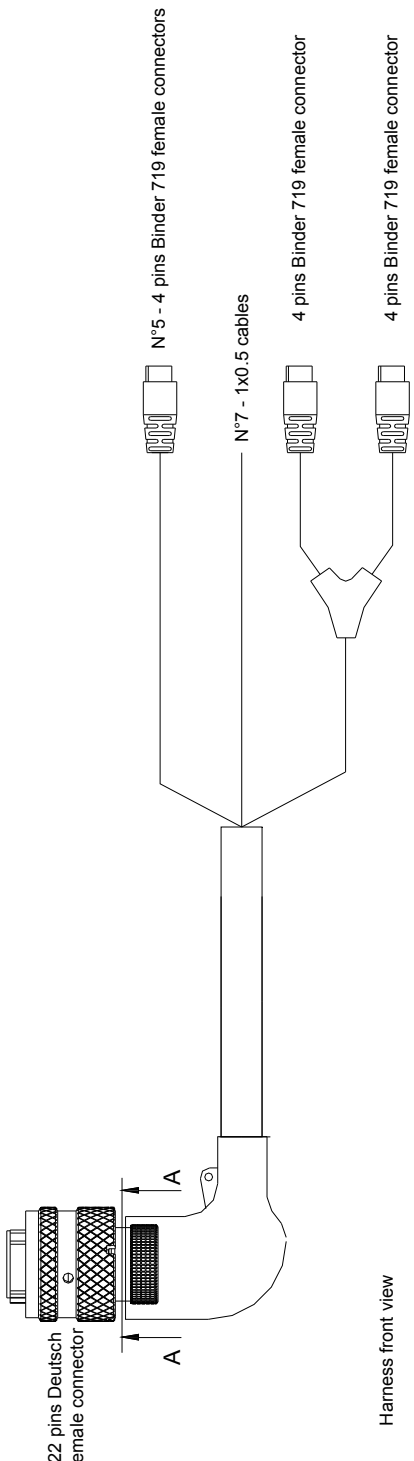
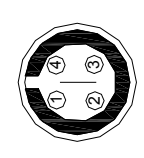
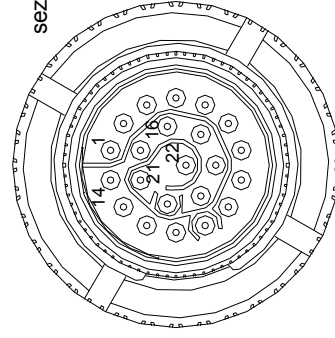
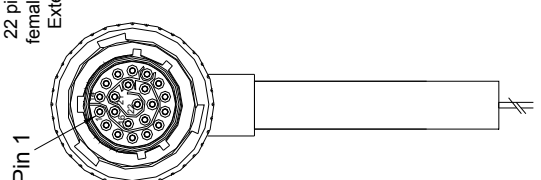
Table of cables ending with 5 pins Binder 712 female connector

37 pins Deutsch connector pin	Cable colour	Binder connector pin	Cable type	Cable length	Channel	Label
3 4 5 6 7	White Black Red Bleu Orange	1 2 3 4 5	5x0.25 mm ²	350 mm	CAN+ expansion GND V Battery CAN- Expansions V bext	Exp.

Table of unterminated cables

37 pins Deutsch connector pin	Cable colour	Cable type	Cable length	Label
15	White	1x0.5 mm ²	550 mm	RPM
2 1	Black Red	1x0.5 mm ² 1x0.5 mm ²	550 mm	GND 9-15 V Power input
8 9 10 11	White Black Bleu	1x0.5 mm ² 1x0.5 mm ² 1x0.5 mm ² 1x0.5 mm ²	550 mm	CAN 1+ CAN 1- GND K line

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		Titolo / Title Cablaggio Standard connettore Deutsch 37 pin - MXS/MXG			
		N. disegno / Drawing N. 04.573.01		Rev. / Rev. 6	Foglio / Sheet 2 of 2

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22 pins Deutsch connector harness for MXS/MXG   sez A-A  						
Rif. / Ref.	Q.tà / Q.ty	Materiale / Material		N. articolo / Item N.		
Progettato da / Designed by D.B.	Contr. da / Ckd. by	Approvato da / Approved by	Nome file / File name	Data / Date	Scala / Scale	
		Titolo / Title Cablaggio connettore Deutsch 22 pin per MXS/MXG				
		N. disegno / Drawing N. 04.573.02			Rev. / Rev. 3	Foglio / Sheet 1 of 2

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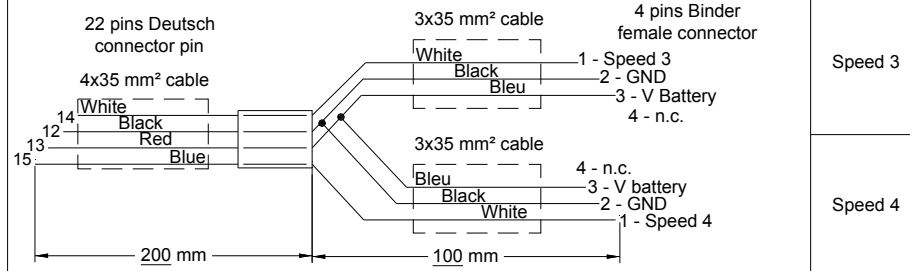
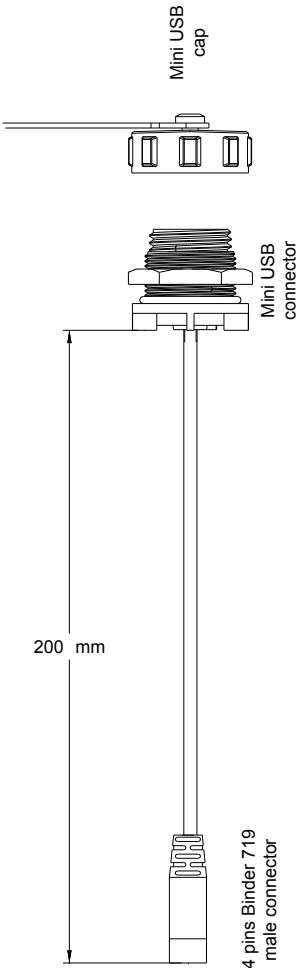
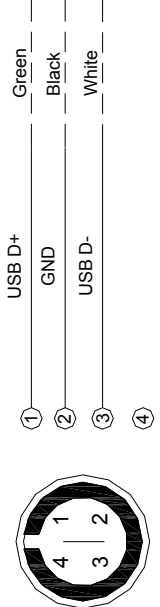
Table of cables ending with 4 pins Binder 719 connector						
22 pins Deutsch connector pin	Cable colour	Binder connector pin	Cable type	Length	Channel	Label
1 2 3 4	White Black Red Blue	1 2 3 4	4x0.35 mm ²	380 mm	Analog input channel 5 GND V Battery V Reference	Channel 5
5 6 7 8	White Black Red Blue	1 2 3 4	4x0.35 mm ²	380 mm	Analog input channel 6 GND V Battery V Reference	Channel 6
9 10 11 12	White Black Red Blue	1 2 3 4	4x0.35 mm ²	400 mm	Analog input channel 7 GND V Battery V Reference	Channel 7
13 14 15 16	White Black Red Blue	1 2 3 4	4x0.35 mm ²	400 mm	Analog input channel 8 GND V Battery V Reference	Channel 8
17 18 19 20	White Black Blue n.c.	1 2 3 4	3x0.35 mm ²	320 mm	Speed2 GND V Battery n.c.	Speed 2
						Speed 3 Speed 4

Table of unterminated cables				
22 pins Deutsch connector pin	Cable colour	Cable type	Length	Label
19 20	White Blue	1x0.5 mm ² 1x0.5 mm ²	550 mm	Digital output 1 Digital output 2
17 18 16 21 22	White Blue Black Blue White	1x0.5 mm ² 1x0.5 mm ² 1x0.5 mm ² 1x0.5 mm ² 1x0.5 mm ²	550 mm	CAN2+ CAN2- GND RS232TX RS232RX

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		Titolo / Title Cablaggio standard connettore Deutsch 22 pin per MXS/MXG			
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N.rev. / Rev. N.	Descrizione / Description	Data / date	Firma / Sign	Contr. da / Ckd. by
USB Wiring for MXS/MXG  200 mm  4 pins Binder 719 male connector pinout Solder termination view				
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Progettato da / Designed by D.B.		Contr. da / Ckd. by	Approvato da / Approved by	Nome file / File name
		Titolo / Title Cablaggio USB - MXS/MXG		
		N. disegno / Drawing N. 04.573.03		Rev. / Rev. 2