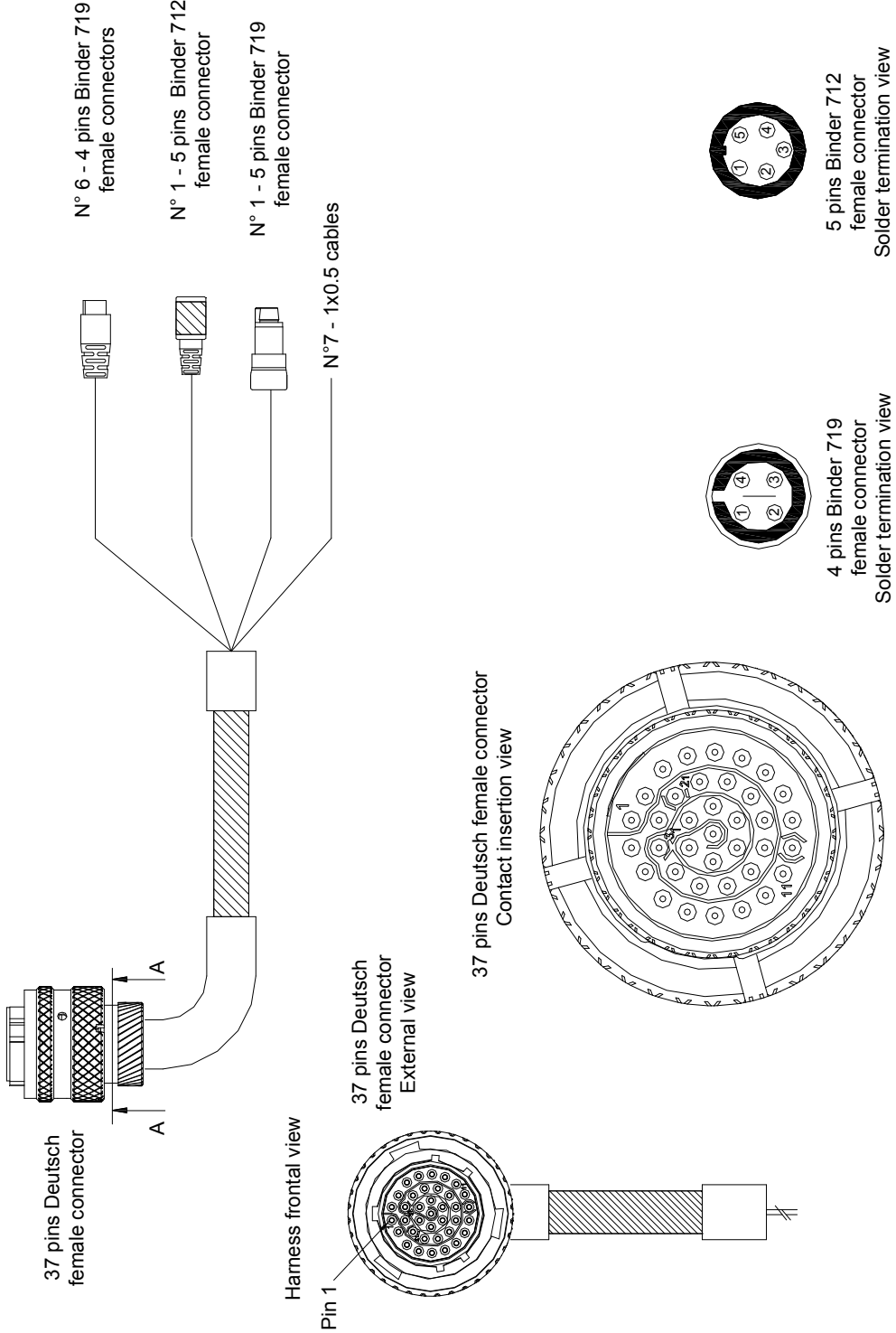



N.rev. / Rev. N.	Descrizione / Description	Data / date	Firma / Sign	Contr. da / Ckd. by		
<div style="display: flex; flex-direction: column; align-items: center;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg); font-weight: bold; font-size: 24px; margin-bottom: 20px;">37 pins Deutsch connector cable for MXL2</div>  </div>						
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 31/08/12	Scala / Scale
		Titolo / Title Cavo connettore Deutsch 37 pin per MXL2				
		N. disegno / Drawing N. 04.573.01	Rev. / Rev. 4	Foglio / Sheet 1 of 2		


N.rev. / Rev. N.	Descrizione / Description	Data / date	Firma / Sign	Contr. da / Ckd. by
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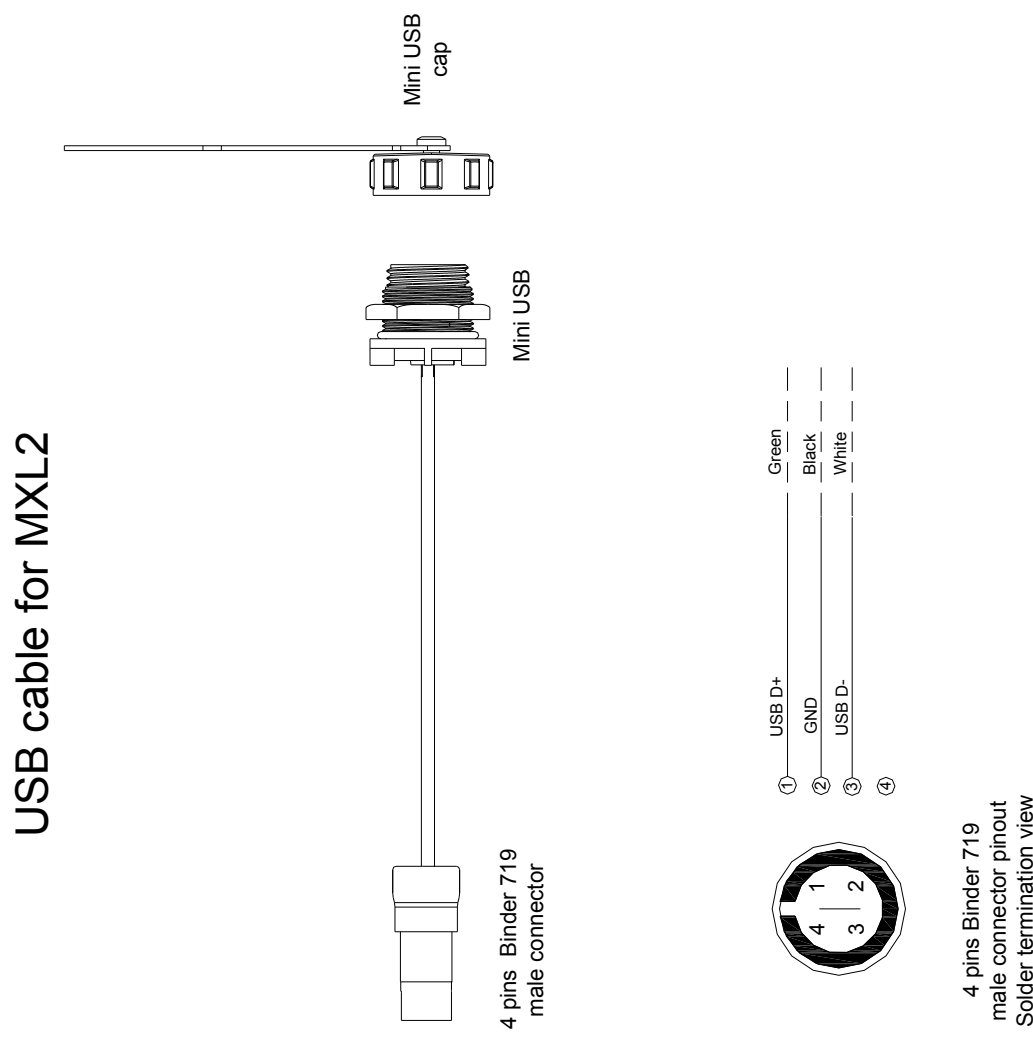

Table of cable ending with Binder 719 - 4 pins female connector						
37 pins Deutsch connector pin	Cable colour	Binder connector pin	Cable type	Length	Channel	Label
22 23 24 25	White Black Red Bleu	1 2 3 4	4x0.35 mm ²	340 mm	Analog channel 1 GND V Battery V reference	Ch. 1
26 27 28 29	White Black Red Bleu	1 2 3 4	4x0.35 mm ²	340 mm	Analog channel 2 GND V Battery V reference	Ch. 2
30 31 32 33	White Black Red Bleu	1 2 3 4	4x0.35 mm ²	360 mm	Analog channel 3 GND V Battery V reference	Ch. 3
34 35 36 37	White Black Red Bleu	1 2 3 4	4x0.35 mm ²	360 mm	Analog channel 4 GND V Battery V reference	Ch. 4
19 20 21	White Black Bleu n.c.	1 2 3 4	3x0.35 mm ²	320 mm	Speed 1 GND V battery n.c.	Speed 1
16 17 18	n.c. Black Bleu White	1 2 3 4	3x0.35 mm ²	320 mm	n.c. GND V battery Optical lap	Lap
12 14 13	White* Gray Brown* n.c.	1 2 3 4	Schielded	1100 mm	USB D+ GND USB D- n.c.	USB

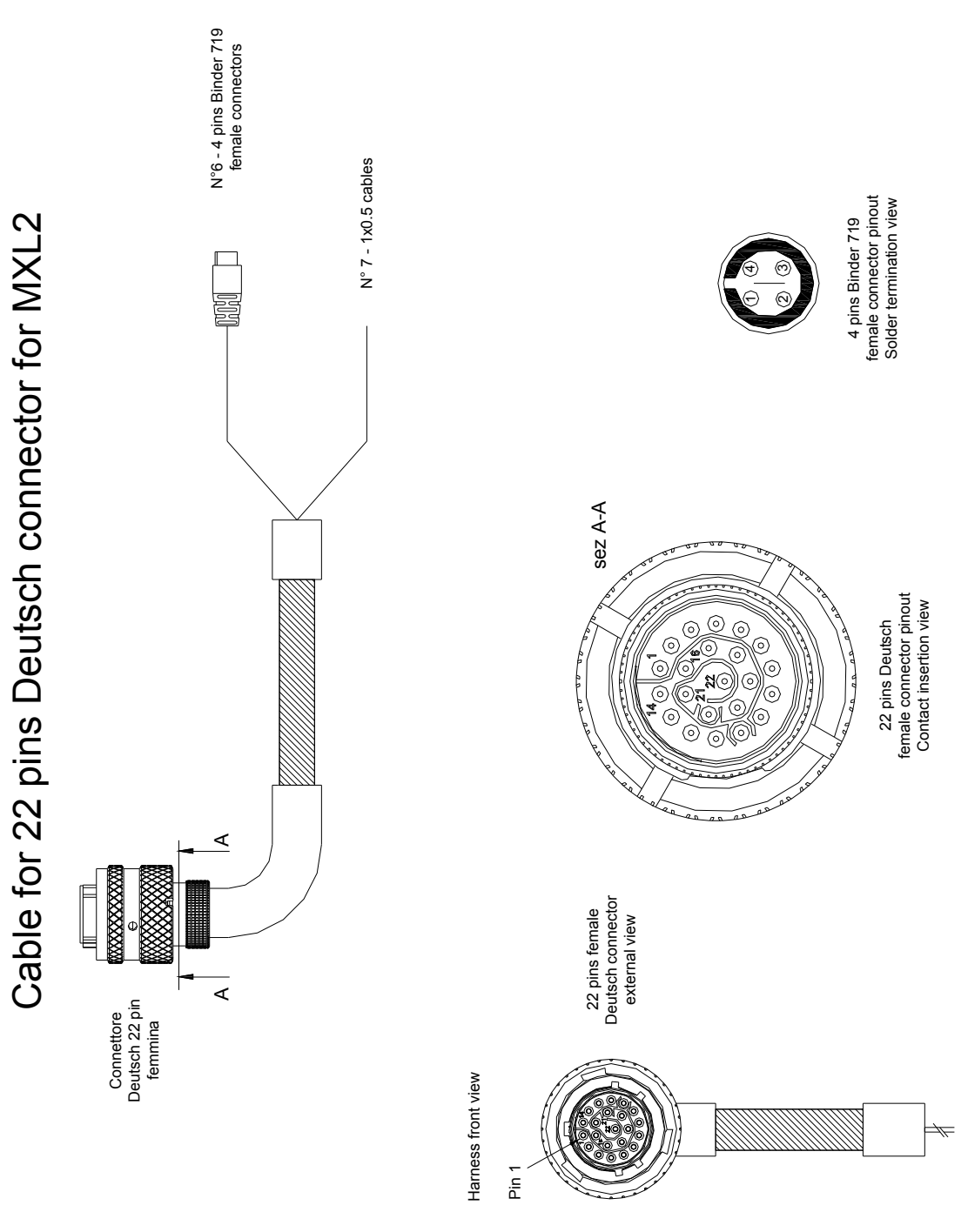

* Twisted cables

Table of cable ending with Binder 712 - 5 pins female connector						
37 pins Deutsch connector cable	Cable colour	Binder connector pin	Cable type	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+ Exp. GND V battery CAN- Exp Vb ext.	Exp.

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

Rif. / Ref.	Q.tà / Q.ty	Materiale / Material	N. articolo / Item N.		
Progettato da / Designed by	Contr. da / Ckd. by	Approvato da / Approved by	Nome file / File name	Data / Date	Scala / Scale
D.B.				31/08/12	
		Titolo / Title			
		Cavo connettore Deutsch 37 pin per MXL2			
N. disegno / Drawing N.			Rev. / Rev.	Foglio / Sheet	
04.573.01			4	2 of 2	


N.rev. / Rev. N.		Descrizione / Description		Data / date	Firma / Sign	Contr. da / Ckd. by
 <p style="position: absolute; left: 150px; top: 370px; transform: rotate(-90deg); font-size: 24px;">USB cable for MXL2</p> <p style="position: absolute; left: 400px; top: 180px;">Mini USB cap</p> <p style="position: absolute; left: 470px; top: 300px;">Mini USB</p> <p style="position: absolute; left: 460px; top: 550px;">4 pins Binder 719 male connector</p> <p style="position: absolute; left: 630px; top: 370px;">Green Black White</p> <p style="position: absolute; left: 630px; top: 480px;">USB D+ GND USB D- ① ② ③ ④</p> <p style="position: absolute; left: 750px; top: 540px;">4 pins Binder 719 male connector pinout Solder termination view</p>						
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 Cavo MXL-2 37pin standard.dft	Data / Date 25/06/14	Scala / Scale	
		Titolo / Title Cavo USB per MXL2				
		N. disegno / Drawing N. 04.573.03			Rev. / Rev.	Foglio / Sheet 1 of 1

N.rev. / Rev. N.		Descrizione / Description			Data / date	Firma / Sign	Contr. da / Ckd. by
<h1 style="writing-mode: vertical-rl; transform: rotate(180deg);">Cable for 22 pins Deutsch connector for MXL2</h1>							
							
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 31/08/2012	Scala / Scale	
		Titolo / Title Cavo connettore Deutsch 22 pin per MXL2					
		N. disegno / Drawing N. 04.573.02			Rev. / Rev. 1	Foglio / Sheet 1 of 2	

N.rev. / Rev. N.	Descrizione / Description	Data / date	Firma / Sign	Contr. da / Ckd. by
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Table of cables ending with 4 pins Binder 719 female connector						
22 pins Deutsch connector pin	Cable colour	Binder connector pin	Cable type	Length	Channel	Label
1	White	1	4x0.35 mm ²	380 mm	Analog channel 5 GND V Battery V Reference	Ch. 5
2	Black	2				
3	Red	3				
4	Bleu	4				
5	White	1	4x0.35 mm ²	380 mm	Analog channel 6 GND V Battery V Reference	Ch. 6
2	Black	2				
3	Red	3				
4	Bleu	4				
6	White	1	4x0.35 mm ²	400 mm	Analog channel 7 GND V Battery V Reference	Ch. 7
7	Black	2				
8	Red	3				
9	Bleu	4				
10	White	1	4x0.35 mm ²	400 mm	Analog channel 8 GND V Battery V Reference	Ch. 8
7	Black	2				
8	Red	3				
9	Bleu	4				
11	White	1	3x0.35 mm ²	320 mm	Speed 2 GND V Battery n.c.	Speed 2
12	Black	2				
13	Bleu n.c.	3				
		4				
14	White	1	4x0.35 mm ²	300 mm	Speed 3 GND V Battery Speed 4	Speed 3-4
12	Black	2				
13	Red	3				
15	Bleu	4				

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

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 31/08/2012
		Titolo / Title Cavo connettore Deutsch 22 pin per MXL2			
		N. disegno / Drawing N. 04.573.02		Rev. / Rev. 1	Foglio / Sheet 2 of 2