

N.rev. / Rev. N.	Descrizione / Description	Data / date	Firma / Sign	Contr. da / Ckd. by
37 pins Deutsch connector cable for MXG N° 6 - 4 pins Binder 719 female connectors N° 1 - 5 pins Binder 712 female connector N° 1 - 5 pins Binder 719 female connector N° 7 - 1x0.5 cables Pin 1 37 pins Deutsch female connector External view 37 pins Deutsch female connector Contact insertion view 4 pins Binder 719 female connector Solder termination view 5 pins Binder 712 female connector Solder termination view				
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 MXG		
		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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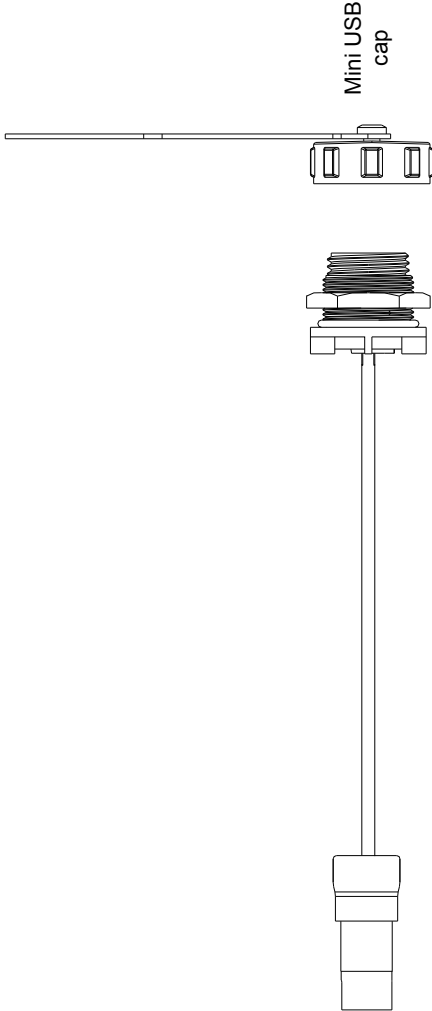
Table of cable ending with Binder 719 - 4 pins female connector						
37 pins Deutsch connector pin	Cable colour	Binder connector pin	Cable type	Length	Channel	Label
22 23 24 25	White Black Red Bleu	1 2 3 4	4x0.35 mm ²	340 mm	Analog channel 1 GND V Battery V reference	Ch. 1
26 27 28 29	White Black Red 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

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		Titolo / Title Cavo connettore Deutsch 37 pin per MXG			
		N. disegno / Drawing N. 04.573.01		Rev. / Rev. 4	Foglio / Sheet 2 of 2

N.rev. / Rev. N.	Descrizione / Description	Data / date	Firma / Sign	Contr. da / Ckd. by
USB cable for MXG  Mini USB cap Mini USB 4 pins Binder 719 male connector  Green Black White ① USB D+ ② GND ③ USB D- ④ ① ② ③ ④ 4 pins Binder 719 male connector pinout Solder termination view				
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
		Titolo / Title Cavo USB per MXG		
		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
Cable for 22 pins Deutsch connector for MXG Connettore Deutsch 22 pin femmina N° 6 - 4 pins Binder 719 female connectors N° 7 - 1x0.5 cables sez A-A 22 pins female Deutsch connector external view Pin 1 Harness front view 22 pins Deutsch female connector pinout Contact insertion view 4 pins Binder 719 female connector pinout Solder termination view						
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 MXG			
			N. disegno / Drawing N. 04.573.02			Rev. / Rev. 1

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<table border="1"> <tr> <th colspan="7">Table of cables ending with 4 pins Binder 719 female connector</th> </tr> <tr> <th>22 pins Deutsch connector pin</th> <th>Cable colour</th> <th>Binder connector pin</th> <th>Cable type</th> <th>Length</th> <th>Channel</th> <th>Label</th> </tr> <tr> <td>1</td> <td>White</td> <td>1</td> <td rowspan="4">4x0.35 mm²</td> <td rowspan="4">380 mm</td> <td rowspan="4">Analog channel 5 GND V Battery V Reference</td> <td rowspan="4">Ch. 5</td> </tr> <tr><td>2</td><td>Black</td><td>2</td></tr> <tr><td>3</td><td>Red</td><td>3</td></tr> <tr><td>4</td><td>Bleu</td><td>4</td></tr> <tr> <td>5</td> <td>White</td> <td>1</td> <td rowspan="4">4x0.35 mm²</td> <td rowspan="4">380 mm</td> <td rowspan="4">Analog channel 6 GND V Battery V Reference</td> <td rowspan="4">Ch. 6</td> </tr> <tr><td>2</td><td>Black</td><td>2</td></tr> <tr><td>3</td><td>Red</td><td>3</td></tr> <tr><td>4</td><td>Bleu</td><td>4</td></tr> <tr> <td>6</td> <td>White</td> <td>1</td> <td rowspan="4">4x0.35 mm²</td> <td rowspan="4">400 mm</td> <td rowspan="4">Analog channel 7 GND V Battery V Reference</td> <td rowspan="4">Ch. 7</td> </tr> <tr><td>7</td><td>Black</td><td>2</td></tr> <tr><td>8</td><td>Red</td><td>3</td></tr> <tr><td>9</td><td>Bleu</td><td>4</td></tr> <tr> <td>10</td> <td>White</td> <td>1</td> <td rowspan="4">4x0.35 mm²</td> <td rowspan="4">400 mm</td> <td rowspan="4">Analog channel 8 GND V Battery V Reference</td> <td rowspan="4">Ch. 8</td> </tr> <tr><td>7</td><td>Black</td><td>2</td></tr> <tr><td>8</td><td>Red</td><td>3</td></tr> <tr><td>9</td><td>Bleu</td><td>4</td></tr> <tr> <td>11</td> <td>White</td> <td>1</td> <td rowspan="4">3x0.35 mm²</td> <td rowspan="4">320 mm</td> <td rowspan="4">Speed 2 GND V Battery n.c.</td> <td rowspan="4">Speed 2</td> </tr> <tr><td>12</td><td>Black</td><td>2</td></tr> <tr><td>13</td><td>Bleu</td><td>3</td></tr> <tr><td></td><td>n.c.</td><td>4</td></tr> <tr> <td>14</td> <td>White</td> <td>1</td> <td rowspan="4">4x0.35 mm²</td> <td rowspan="4">300 mm</td> <td rowspan="4">Speed 3 GND V Battery Speed 4</td> <td rowspan="4">Speed 3-4</td> </tr> <tr><td>12</td><td>Black</td><td>2</td></tr> <tr><td>13</td><td>Red</td><td>3</td></tr> <tr><td>15</td><td>Bleu</td><td>4</td></tr> </table>								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	3		n.c.	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
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