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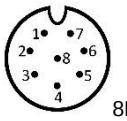
2D Connectors Overview

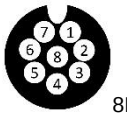
Analog (standard)

Analog line standard, Binder 712, 8 pin

Pin	Name	Description	Color
1	VCC	Power supply	green
2	AGND	Analog ground	black
3	Ref*	Reference voltage	green
4	+12 V	+12 V	red
5	Analog1	Analog signal #1	white
6	Analog2	Analog signal #2	yellow
7	Analog3	Analog signal #3	brown
8	Analog4	Analog signal #4	blue



8PM (front view)

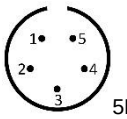


8PF (front view)

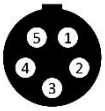
*Pin 3 and 1 are internally bridged (optional)

Analog line standard, Binder 719, 5 pin

Pin	Name	Description	Color (alternative)
1	AGND	Analog ground	black (brown)
2	+5 V	Power supply	red (white)
3	+12 V	Power supply	red (white)
4	Vref*	Reference voltage	red (-)
5	Signal	Analog signal	white (green)



5PM (front view)



5PF (front view)

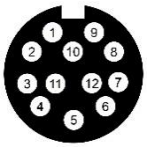
*Pin 2 and 4 are internally bridged (optional)

Analog (Interface module)

Analog input Interface module, Deutsch IMC 200, 12 pin

Pin	Name	Description	Color
1	Vext Out	Power supply output	red
2	AGND	Sensor ground	black
3	AIN1	Analog input 1, pull up switchable	brown
4	AIN2	Analog input 2, pull up switchable	orange
5	AIN3	Analog input 3	yellow
6	AIN4	Analog input 4	green
7	AIN5	Analog input 5	white
8	AIN6	Analog input 6	grey
9	AIN7	Analog input 7	purple
10	AIN8	Analog input 8	blue
11	5 V	5 V power sensor supply	white/black
12	12 V	12 V power sensor supply	white/brown

12PM (front view)



12PF (front view)

Analog (Temperature type K)

Temperature type K cable, 2 pin

Name		Description	Color (alternative)
+	-	Temperature cable +/-	red/green
+	-	Temperature cable +/-	(yellow/red)
+	-	Temperature cable +/-	(green/white)
+	-	Temperature cable +/-	(brown/blue)
+	-	Temperature cable +/-	(red/white)
+	-	Temperature cable +/-	(yellow/pink)

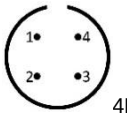
2PM (front view)

2PF (front view)

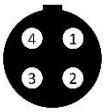
Analog (DMS/SG application)

Analog line DMS/SG application, Binder 719, 4 pin

Pin	Name	Description	Color
1	V-	Bridge ground	black
2	V+	Bridge supply	red
3	S-	Negative signal	green
4	S+	Positive signal	white



4PM (front view)



4PF (front view)

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13.02.2017/LK

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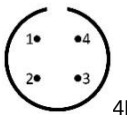
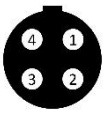
Analog (PT100/1000 application)

Analog line PT100/1000 application, Binder 719, 4 pin

Pin	Name		Description		Color
1		V-		Four-wire circuit	blue
2		V+		Four-wire circuit	red
3	IN-	IN-	Two-wire circuit	Four-wire circuit	white
4	IN+	IN+	Two-wire circuit	Four-wire circuit	brown



4PM
(front view)

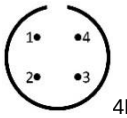


4PF
(front view)

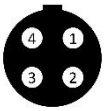
Digital (standard)

Digital line standard, Binder 719, 4 pin

Pin	Name	Description	Color
1	DGND	Digital ground	black
2	+5 V	+5 V	red
3	Signal	Signal	white
4	+12 V	+12 V	green



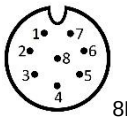
4PM
(front view)



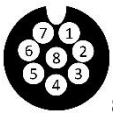
4PF
(front view)

Digital line standard, Binder 712, 8 pin

Pin	Name	Description	Color
1	VCC	Power supply	green
2	DGND	Digital ground	black
3	Vref*	Reference voltage	green
4	+12 V	+12 V	red
5	Digital1	Digital signal #1	white
6	Digital2	Digital signal #2	yellow
7	Digital3	Digital signal #3	brown
8	Digital4	Digital signal #4	blue



8PM
(front view)



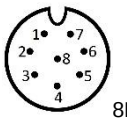
8PF
(front view)

*Pin 3 and 1 are internally bridged (optional)

Digital (RPM/LAP)

Digital line RPM/LAP, Binder 712, 8 pin

Pin	Name	Description	Color
1	VCC	Power supply	green
2	DGND	Digital ground	black
3	n.c.	Not connected	
4	+12 V	+12 V	red
5	Digital1	Digital signal #1	white
6	Digital2	Digital signal #2	yellow
7	RPM	RPM	brown
8	Lap	Lap	blue



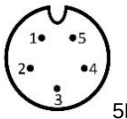
8PM
(front view)

8PF
(front view)

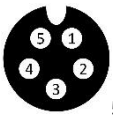
CAN connection (standard)

CAN connection standard, Binder 712, 5 pin

Pin	Name	Description	Color (alternative)
1	CAN H	CAN bus high	white (orange)
2	CAN L	CAN bus low	green (brown)
3	GND	Ground	black (black)
4	n.c.	Not connected	
5	Vext	Power IN (8-18 V)	red (red)



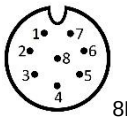
5PM
(front view)



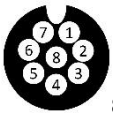
5PF
(front view)

CAN connection standard, Binder 712, 8 pin

Pin	Name	Description	Color
1	n.c.	Not connected	
2	GND	Ground	black
3	n.c.	Not connected	
4	Vext	Power IN (8-18 V)	red
5	CAN H	CAN bus high	white
6	CAN L	CAN bus low	green
7	n.c.	Not connected	
8	n.c.	Not connected	



8PM
(front view)



8PF
(front view)

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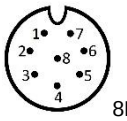
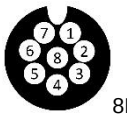
CAN connection (MiniDash)

CAN connection MiniDash, Binder 712, 8 pin

Pin	Name	Description	Color
1	LAP	Laptrigger	white/purple
2	GND	Ground	black
3	On COM	Communication	white/yellow
4	Vext	Power IN (8-18 V)	red
5	CAN H	CAN bus high	grey
6	CAN L	CAN bus low	green
7	TxD	Serial bus transmit	white/grey
8	RxD/RPM	Serial bus receive	white/green



8PM
(front view)

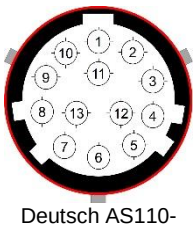


8PF
(front view)

Connection (MidiDash)

Connection DI-Midi11-000, 13 pin

Pin	Name	Description	Color
1	Vext	Power in (5-24 V)	red
2	CAN H1	CAN bus 1 high	white
3	CAN L1	CAN bus 1 low	green
4	BGND	Board ground	black
5	Ain1/LAP	Analog input 1/Lap	yellow/white
6	Ain2	Analog input 2	orange/white
7	Ain3/CAN H2	Analog input 3/CAN bus 2 high (opt.)	red/white
8	RPM	Digital input	grey/white
9	Ain4/CAN L2	Analog input 4/CAN bus 2 low (opt.)	green/white
10	TxD	Communication/GPS Mouse	purple
11	RxD	Communication/GPS Mouse	yellow
12	Gnd Mouse	Ground GPS Mouse	blue
13	+5 V Mouse	Power GPS Mouse	pink



Deutsch AS110-35PN
(front view)

Deutsch AS610-35SN
(front view)

Connection DI-Midi11-201, 9 pin

Pin	Name	Description	Color
1	CAN H1	CAN bus 1 high	white
2	CAN L1	CAN bus 1 low	green
3	Vext (KL-30)	External power supply (5-24 V)	red
4	BGND	Board ground	black
5	DIN1	RPM (Button/Status)	blue
6	AIN1	Lap (pull up 4k7)	brown
7	AIN2	Analog input (0-5 V) switchable pull up 4k7	yellow
8	n.c.	Not connected	
9	n.c.	Not connected	

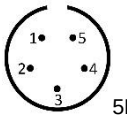
Deutsch ASDD606-09PC-HE
(front view)

Deutsch ASDD006-09SC-HE
(front view)

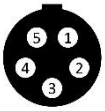
Communication

COM line, Binder 719, 5 pin

Pin	Name	Description	Color
1	TxD	Serial bus transmit	white
2	RxD	Serial bus receive	green
3	GND	Ground	black
4	n.c.	Not connected	
5	Vext	Power	red



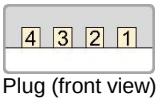
5PM
(front view)



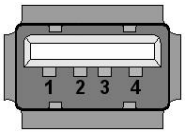
5PF
(front view)

USB, Type A

Pin	Name	Description	Color
1	VCC	Power supply +5V	red
2	Data -	Data line -	white
3	Data +	Data line +	green
4	GND	Ground	black



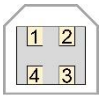
Plug (front view)



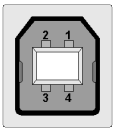
Socket (front view)

USB, Type B

Pin	Name	Description	Color
1	VCC	Power supply +5V	red
2	Data -	Data line -	white
3	Data +	Data line +	green
4	GND	Ground	black



Plug (front view)



Socket (front view)

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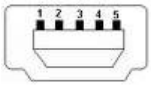
13.02.2017/LK

USB, mini

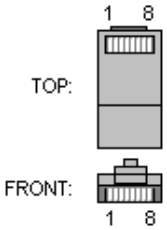
Pin	Name	Description	Color
1	VCC	Power supply +5V	red
2	Data -	Data line -	white
3	Data +	Data line +	green
4	GND	Ground	black
5	n.c.	Not connected	



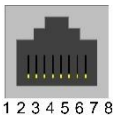
(front view)

RJ45 Ethernet, 8pin

Pin	Name	Description	Color (T568A)	Color (T568B)
1	TX+	Transmit data +	white/green	white/orange
2	TX-	Transmit data -	green	orange
3	RX+	Receive data +	white/orange	white/green
4	n.c.	Not connected		
5	n.c.	Not connected		
6	RX-	Receive data -	orange	green
7	n.c.	Not connected		
8	n.c.	Not connected		



Plug (front view)

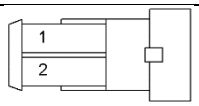


Socket
(front view)

Power line

Power supply, AMP Super Seal, 2 pin

Pin	Name	Description	Color
1	12 V	12 V power supply	red
2	GND	Ground	black



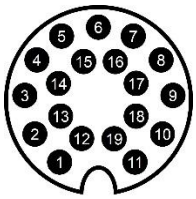
2PM

2PF

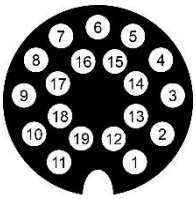
Connection

Connection Box1, Binder 723, 19 pin

Pin	Name	Description	Color
1	On/Off		white
2	+12 V		brown
3	VBat		green
4	Vcc		yellow
5	Vref2.5		grey
6	AGND	Analog sensor ground	pink
7	GND	Ground	blue
8	TxD		red
9	RxD		black
10	Lap		purple
11	OUT1		red/blue
12	LED1		grey/pink
13	LED2		grey/brown
14	Vfront		white/green
15	RPM		white/yellow
16	AIN1	Analog input 1	white/grey
17	AIN2	Analog input 2	white/pink
18	AIN3	Analog input 3	white/blue
19	AIN4	Analog input 4	white/red



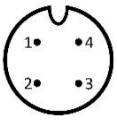
19PM
(front view)



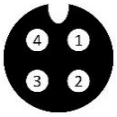
19PF
(front view)

GPS, Binder 712, 4 pin

Pin	Name	Description	Color
1	TxD	Data line	green
2	RxD	Data line	white
3	GND	Ground	black
4	VCC	Power supply +5V	red



4PM (front view)



4PF (front view)

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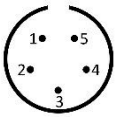
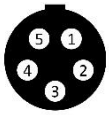
Cables with molded connectors

COM line, Binder 709, 5 pin

Pin	Name	Description	Color
1	TxD	Serial bus transmit	brown
2	RxD	Serial bus receive	white
3	GND	Ground	blue
4	n.c.	Not connected	black
5	VBat	Power supply	grey



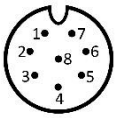
5PM (front view)



5PF (front view)

CAN connection, Binder 702, 8 pin

Pin	Name	Description	Color
1	LAP	Lap trigger	white
2	GND	Ground	brown
3	n.c.	Not connected	green
4	VBat	Power supply	yellow
5	CAN H	CAN bus high	grey
6	CAN L	CAN bus low	pink
7	TxD	Serial bus transmit	blue
8	RxD	Serial bus receive	red

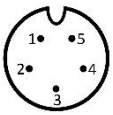


8PM (front view)

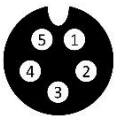
8PF (front view)

CAN connection, Binder 702, 5 pin

Pin	Name	Description	Color
1	CAN H	CAN bus high	white
2	CAN L	CAN bus low	brown
3	GND	Ground	black
4	LAP	Lap trigger	blue
5	VBat	Power supply	grey



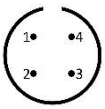
5PM (front view)



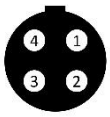
5PF (front view)

Digital line, Binder 709, 4 pin

Pin	Name	Description	Color
1	GND	Ground	brown
2	n.c.	Not connected	white
3	LAP	Lap trigger	blue
4	VBat	Power supply	black



4PM (front view)



4PF (front view)

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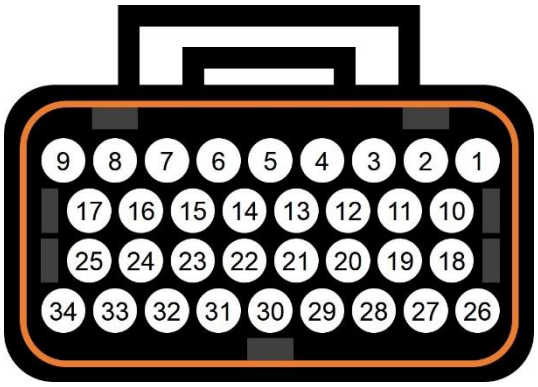
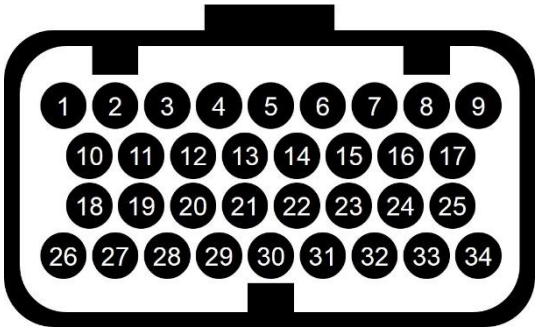
Logger LG-µCAN10/11



AMP connector, 34PF (front view)



AMP connector, 34PM (front view)

Pin	Name	Description
1	Ain 5	Analog input 5, PU @ 5V switchable
2	AGND	Ground
3	Ain 6	Analog input 6, PU @ 5V switchable
4	Ain 7	Analog input 7, 0-5V (20V protected)
5	Ain 8	Analog input 8, T_Mot, 0-5V (20V protected)
6	Din 3	Digital input 3, Speed 2, V_Rear, PU @ 5V
7	CAN-H Ext	CAN high Ext
8	CAN-L Ext	CAN low Ext
9	VEXT	Ext. power supply
10	Ain 1	Analog input 1, PU @ 5V switchable
11	Ain 2	Analog input 2, PU @ 5V switchable
12	Ain 3	Analog input 3, 0-5V (20V protected)
13	Ain 4	Analog input 4, 0-5V (20V protected)
14	Lap	LAP input, PU @ 5V
15	Din 2	Digital input 2, RPM, PU @ 5
16	Din 1	Digital input 1, Speed 1, V_Front, PU @ 5V
17	BGND	Ground
18	AGND	Ground
19	AGND	Ground
20	AGND	Ground
21	AGND	Ground
22	BGND	Ground
23	DOUT	Digital output, OC, max. 200mA
24	BGND	Ground
25	BGND	Ground
26	+5V	+5V sensor supply
27	+5V	+5V sensor supply
28	+5V	+5V sensor supply
29	+12V	+12V sensor supply
30	+12V	+12V sensor supply
31	+12V	+12V sensor supply
32	CAN-H 2D	CAN high 2D
33	CAN-L 2D	CAN low 2D
34	VEXT	Ext. power supply

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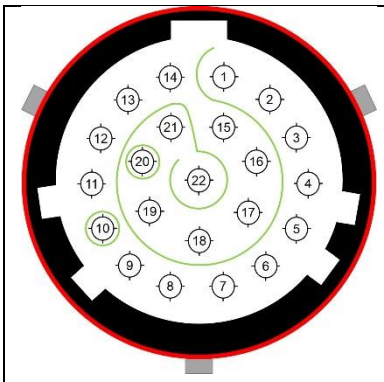
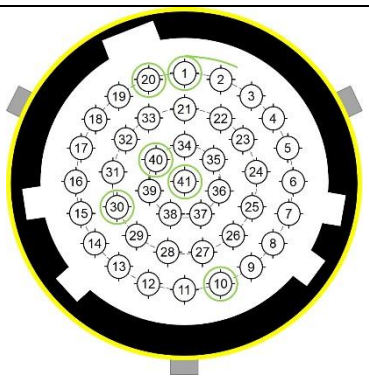
Logger LG-L732-000



Deutsch AS212-35PN (front view)



Deutsch AS212-41PA (front view)

PIN	CON1	PIN	CON2 = Signal 1		CON3 = Signal 2	
1	VBAT IN 1 (5-20 V)	1	Vext-OUT2 (max.150 mA)		Vext-OUT3 (max.150 mA)	
2	BGND	2	BGND		BGND	
3	ON/OFF	3	+12 V (250 mA)		+12 V (250 mA)	
4	USB Power	4	+5 V (250 mA)		+5 V (250 mA)	
5	(USB) GND	5	DIN3		DIN5	
6	Vext OUT1 (max.150 mA)	6	AGND		AGND	
7	CAN H1	7	CAN H1		CAN H1	
8	CAN L1	8	CAN L1		CAN L1	
9	CAN H2	9	BANK1-AIN1 (4k7@5 V)		BANK1-AIN5 (4k7@5 V)	
10	CAN L2	10	BANK2-AIN1 (4k7@5 V)		BANK2-AIN5 (4k7@5 V)	
11	USB +	11	BANK3-AIN1 (4k7@5 V)		BANK3-AIN5 (4k7@5 V)	
12	USB -	12	BANK4-AIN1 (4k7@5 V)		BANK4-AIN5 (4k7@5 V)	
13	DIN1	13	+12 V	50 mA	+12 V	50 mA
14	DIN2	14	+12 V		+12 V	
15	ETH T+	15	+5 V	50 mA	+5 V	50 mA
16	ETH T-	16	+5 V		+5 V	
17	ETH R+	17	BANK1-AIN2 (4k7@5 V)		BANK1-AIN6 (4k7@5 V)	
18	ETH R-	18	BANK2-AIN2 (4k7@5 V)		BANK2-AIN6 (4k7@5 V)	
19	Not connected	19	BANK3-AIN2 (4k7@5 V)		BANK3-AIN6 (4k7@5 V)	
20	Not connected	20	BANK4-AIN2 (4k7@5 V)		BANK4-AIN6 (4k7@5 V)	
21	Not connected	21	Dout1 @ BGND	500 mA	Dout3 @ BGND	500 mA
22	Not connected	22	Dout1 @ BGND		Dout3 @ BGND	
		23	Dout2 @ BGND	500 mA	Dout4 @ BGND	500 mA
		24	Dout2 @ BGND		Dout4 @ BGND	
		25	BANK1-AIN3 (4k7@5 V)		BANK1-AIN7 (4k7@5 V)	
		26	BANK2-AIN3 (4k7@5 V)		BANK2-AIN7 (4k7@5 V)	
		27	BANK3-AIN3 (4k7@5 V)		BANK3-AIN7 (4k7@5 V)	
		28	BANK4-AIN3 (4k7@5 V)		BANK4-AIN7 (4k7@5 V)	
		29	+12 V	50 mA	+12 V	50 mA
		30	+12 V		+12 V	
		31	+5 V	50 mA	+5 V	50 mA
		32	+5 V		+5 V	
		33	BANK1-AIN4 (4k7@5 V)		BANK1-AIN8 (4k7@5 V)	
		34	BANK2-AIN4 (4k7@5 V)		BANK2-AIN8 (4k7@5 V)	
		35	BANK3-AIN4 (4k7@5 V)		BANK3-AIN8 (4k7@5 V)	
		36	BANK4-AIN4 (4k7@5 V)		BANK4-AIN8 (4k7@5 V)	
		37	AGND		AGND	
		38	AGND		AGND	
		39	AGND		AGND	
		40	AGND		AGND	
		41	DIN4		DIN6	

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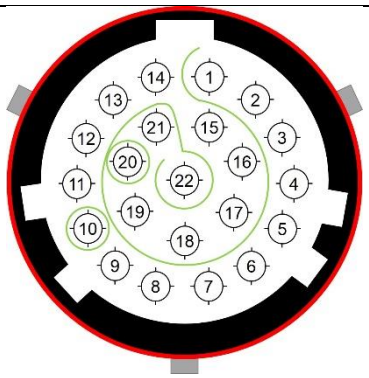
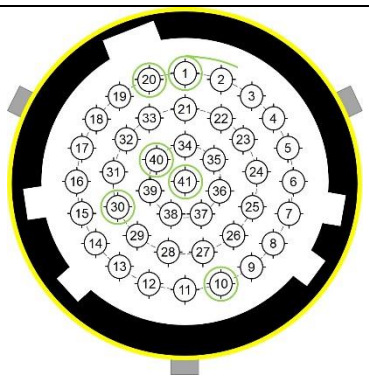
Logger LG-L764-000



Deutsch AS212-35PN (front view)



Deutsch AS212-41PA (front view)

PIN	CON1
1	VBAT IN 1 (5-20 V)
2	BGND
3	ON/OFF
4	USB Power
5	(USB) GND
6	Vext OUT1 (max.150 mA)
7	CAN H1
8	CAN L1
9	CAN H2
10	CAN L2
11	USB +
12	USB -
13	DIN1
14	DIN2
15	ETH T+
16	ETH T-
17	ETH R+
18	ETH R-
19	Not connected
20	Not connected
21	Not connected
22	Not connected

PIN	CON2 = Signal 1	CON3 = Signal 2
1	Vext-OUT2 (max.150 mA)	Vext-OUT3 (max.150 mA)
2	BGND	BGND
3	+12 V (250 mA)	+12 V (250 mA)
4	+5 V (250 mA)	+5 V (250 mA)
5	DIN3	DIN5
6	AGND	AGND
7	CAN H1	CAN H1
8	CAN L1	CAN L1
9	BANK1-AIN1 (4k7@5 V)	BANK1-AIN5 (4k7@5 V)
10	BANK2-AIN1 (4k7@5 V)	BANK2-AIN5 (4k7@5 V)
11	BANK3-AIN1 (4k7@5 V)	BANK3-AIN5 (4k7@5 V)
12	BANK4-AIN1 (4k7@5 V)	BANK4-AIN5 (4k7@5 V)
13	BANK5-AIN1 (4k7@5 V)	BANK5-AIN5 (4k7@5 V)
14	BANK6-AIN1 (4k7@5 V)	BANK6-AIN5 (4k7@5 V)
15	BANK7-AIN1 (4k7@5 V)	BANK7-AIN5 (4k7@5 V)
16	BANK8-AIN1 (4k7@5 V)	BANK8-AIN5 (4k7@5 V)
17	BANK1-AIN2 (4k7@5 V)	BANK1-AIN6 (4k7@5 V)
18	BANK2-AIN2 (4k7@5 V)	BANK2-AIN6 (4k7@5 V)
19	BANK3-AIN2 (4k7@5 V)	BANK3-AIN6 (4k7@5 V)
20	BANK4-AIN2 (4k7@5 V)	BANK4-AIN6 (4k7@5 V)
21	BANK5-AIN2 (4k7@5 V)	BANK5-AIN6 (4k7@5 V)
22	BANK6-AIN2 (4k7@5 V)	BANK6-AIN6 (4k7@5 V)
23	BANK7-AIN2 (4k7@5 V)	BANK7-AIN6 (4k7@5 V)
24	BANK8-AIN2 (4k7@5 V)	BANK8-AIN6 (4k7@5 V)
25	BANK1-AIN3 (4k7@5 V)	BANK1-AIN7 (4k7@5 V)
26	BANK2-AIN3 (4k7@5 V)	BANK2-AIN7 (4k7@5 V)
27	BANK3-AIN3 (4k7@5 V)	BANK3-AIN7 (4k7@5 V)
28	BANK4-AIN3 (4k7@5 V)	BANK4-AIN7 (4k7@5 V)
29	BANK5-AIN3 (4k7@5 V)	BANK5-AIN7 (4k7@5 V)
30	BANK6-AIN3 (4k7@5 V)	BANK6-AIN7 (4k7@5 V)
31	BANK7-AIN3 (4k7@5 V)	BANK7-AIN7 (4k7@5 V)
32	BANK8-AIN3 (4k7@5 V)	BANK8-AIN7 (4k7@5 V)
33	BANK1-AIN4 (4k7@5 V)	BANK1-AIN8 (4k7@5 V)
34	BANK2-AIN4 (4k7@5 V)	BANK2-AIN8 (4k7@5 V)
35	BANK3-AIN4 (4k7@5 V)	BANK3-AIN8 (4k7@5 V)
36	BANK4-AIN4 (4k7@5 V)	BANK4-AIN8 (4k7@5 V)
37	BANK5-AIN4 (4k7@5 V)	BANK5-AIN8 (4k7@5 V)
38	BANK6-AIN4 (4k7@5 V)	BANK6-AIN8 (4k7@5 V)
39	BANK7-AIN4 (4k7@5 V)	BANK7-AIN8 (4k7@5 V)
40	BANK8-AIN4 (4k7@5 V)	BANK8-AIN8 (4k7@5 V)
41	DIN4	DIN6

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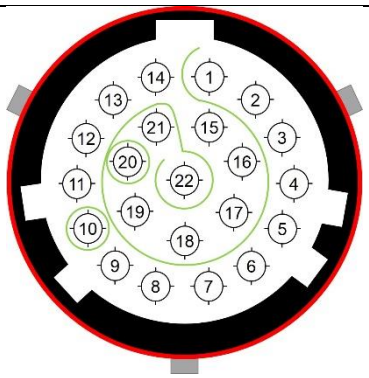
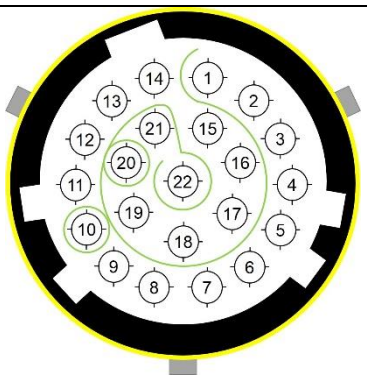
Logger LG-L6xxx-000



Deutsch AS212-35PN (front view)



Deutsch AS212-35PA (front view)

PIN	CON1	PIN	CON2	CON3
1	VBAT IN	1	VBAT SWOut	VBAT SWOut
2	BGND	2	BGND	BGND
3	ON/OFF	3	+12 V	+12 V
4	DVcc/USB Power*	4	+5 V ref	+5 V ref
5	GND	5	GND	GND
6	LED	6	AGND	AGND
7	CAN H1	7	CAN H1	CAN H1
8	CAN L1	8	CAN L1	CAN L1
9	CAN H2	9	AGND/CAN H2*	AGND/CAN H2*
10	CAN L2	10	AGND/CAN L2*	AGND/CAN L2*
11	RXD1/USB+*	11	DIN1 Speed1 (VFr)	DIN5 Speed1 (VFr)
12	TXD1/USB-*	12	DIN2 Speed2 (VRr)	DIN6 Speed2 (VRr)
13	RXD2	13	DIN3 Hy RPM	DIN7 Hy RPM
14	TXD2	14	DIN4 Hy LAP	DIN8 Hy LAP
15	ETH T+	15	AIN1 4k7	AIN9 4k7
16	ETH T-	16	AIN2 4k7	AIN10 4k7
17	ETH R+	17	AIN3 4k7	AIN11 4k7
18	ETH R-	18	AIN4 4k7	AIN12 4k7
19	USB+/CAN H3*	19	AIN5 5/20	AIN13 5/20
20	USB-/CAN L3*	20	AIN6 5/20	AIN14 5/20
21	USB Power/CAN H4*	21	AIN7 5/20	AIN15 5/20
22	USB GND/CAN L4*	22	AIN8 5/20	AIN16 5/20

* Alternative connections in different logger types

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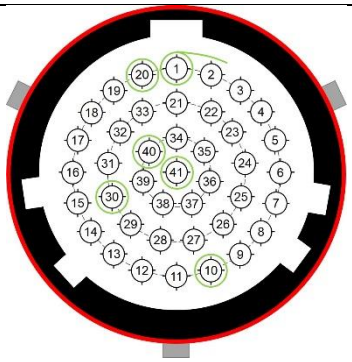
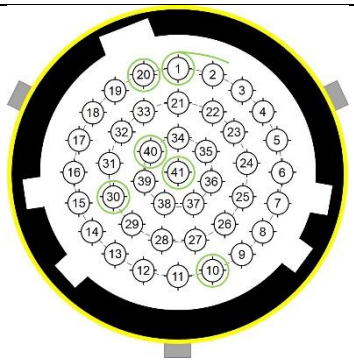
Logger LG-L9-000



ASDD2 12-41 PN



ASDD2 12-41 PA

PIN	CON "LIFE"	DESCRIPTION	PIN	CON "EXT"	DESCRIPTION
1	Vext	Logger Supply Input (5-20V)	1	VOUT(5-20V)	Logger Supply Output
2	BGND	Logger Supply Ground	2	BGND	Logger Supply Ground
3	ON/OFF	Switched Power (8-20V⇒ON)	3	+12V-Supply	+12V Sensor Supply
4	USB1 Power(IN)	USB Power for BUS Powered	4	+5V-Supply	+5V Sensor Supply (Ratio to ADC)
5	AGND	Logger Analog Sensor Ground	5	AGND	Logger Analog Sensor Ground
6	CAN1 H	High Level CAN1	6	CAN3 H	High Level CAN3
7	CAN1 L	Low Level CAN1	7	CAN3 L	Low Level CAN3
8	CAN2 H	High Level CAN2	8	CAN4 H	High Level CAN4
9	CAN2 L	Low Level CAN2	9	CAN4 L	Low Level CAN4
10	TxD1	RS-232 TxD1 (GPS)	*10*	*TxD2*	*RS-232 TxD2 (TBD)*
11	RxD1	RS-232 RxD1 (GPS)	*11*	*RxD2*	*RS-232 RxD2 (TBD)*
12	USB1+	USB1 Signal Line +	*12*	*USB2+*	*USB2 Signal Line +*
13	USB1-	USB1 Signal Line -	*13*	*USB2-*	*USB2 Signal Line -*
14	ETH1 T+	Ethernet1 TxD+	*14*	*USB2 Power(OUT)*	*USB2 Power Supply Stick*
15	ETH1 T-	Ethernet1 TxD-	15	+12V-Supply	+12V Sensor Supply
16	ETH1 R+	Ethernet1 RxD+	16	+5V-Supply	+5V Sensor Supply (Ratio to ADC)
17	ETH1 R-	Ethernet1 RxD-	17	AGND	Logger Analog Sensor Ground
18	CAN3 H	High Level CAN3	18	AIN9/LS	Analog Input9/SW PullUp@+5V
19	CAN3 L	Low Level CAN3	19	AIN10/LS	Analog Input10/SW PullUp@+5V
20	CAN4 H	High Level CAN4	20	AIN11/LS	Analog Input11/SW PullUp@+5V
21	CAN4 L	Low Level CAN4	21	AIN12/LS	Analog Input12/SW PullUp@+5V
22	DIN1	Digital Input1(SW-PU/SW-PD/Current-Sensor)	22	AIN13/LS	Analog Input13/SW +20V
23	DIN2	Digital Input2(SW-PU/SW-PD/Current-Sensor)	23	AIN14/LS	Analog Input14/SW +20V
24	DIN3	Digital Input3(SW-PU/SW-PD/Current-Sensor)	24	AIN15/LS	Analog Input15/SW +20V
25	DIN4	Digital Input4(SW-PU/SW-PD/Current-Sensor)	25	AIN16/LS	Analog Input16/SW +20V
26	DOUT1	Digital Output1 (OC/max.2A)	26	AIN17/LS	Analog Input17/SW PullUp@+5V
27	DOUT2	Digital Output2 (OC/max.2A)	27	AIN18/LS	Analog Input18/SW PullUp@+5V
28	+5V-Supply	+5V Sensor Supply (Ratio to ADC)	28	AIN19/LS	Analog Input19/SW PullUp@+5V
29	+12V-Supply	+12V Sensor Supply	29	AIN20/LS	Analog Input20/SW PullUp@+5V
30	ETH2 T+	Ethernet2 TxD+	30	AIN21/LS	Analog Input21/SW +20V
31	ETH2 T-	Ethernet2 TxD-	31	AIN22/LS	Analog Input22/SW +20V
32	ETH2 R+	Ethernet2 RxD+	32	AIN23/LS	Analog Input23/SW +20V
33	ETH2 R-	Ethernet2 RxD-	33	AIN24/LS	Analog Input24/SW +20V
34	AIN1/HS	Analog Input1/SW PullUp@+5V	34	AIN25/LS	Analog Input25/SW PullUp@+5V
35	AIN2/HS	Analog Input2/SW PullUp@+5V	35	AIN26/LS	Analog Input26/SW PullUp@+5V
36	AIN3/HS	Analog Input3/SW PullUp@+5V	36	AIN27/LS	Analog Input27/SW PullUp@+5V
37	AIN4/HS	Analog Input4/SW PullUp@+5V	37	AIN28/LS	Analog Input28/SW PullUp@+5V
38	AIN5/HS	Analog Input5/SW +20V	38	AIN29/LS	Analog Input29/SW +20V
39	AIN6/HS	Analog Input6/SW +20V	39	AIN30/LS	Analog Input30/SW +20V
40	AIN7/HS	Analog Input7/SW +20V	40	AIN31/LS	Analog Input31/SW +20V
41	AIN8/HS	Analog Input8/SW +20V	41	AIN32/LS	Analog Input32/SW +20V

⇒ not yet implemented

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