



universally suitable CANBUS-interfaces with 4 or 8 signal outputs

- S = speed pulses
- rpm = engine r.p.m.
- I = ignition (+15)
- E = engine runs
- R = reversing signal
- L = low beams on
- H = high beams on
- P = parking light on
- B = brake activ
- br = blinker right side on
- bl = blinker left side on

This list shows the following interface types:-

D / DS= 4 outputs

S + L + I + R

FM / FMS= 4 outputs

S + rpm + I + E

UDS= 8 outputs

S + rpm + br + bl + L + H + P + B

For the single car model is indicated, if * = not all,, or '= only 1, ^ = only 2, ^ = only 3 outputs are available.

Beside such universally fitting signal converters there are **special solutions** (marked with S) possible and available **on request**.

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CANBUSLINE car alarm universally suitable for cars with oem remote control

For the single car model is shown, whether CBL1 or/and CBL2 can be installed.

CBL1 is configured to the car model by PC-software (i.e. 6.5 indicates the device`s hardware required at least).

CBL2 is configured to the car model by 2 selector screws (i.e. 1-9 figures the selectors' adjustment)



car model	year	--signal converter--			----car alarm----	
		4	4	8	CBL1	CBL2
ALFA ROMEO						
159	05....				1-9	6.5
Brera	06....				1-9	6.5
Giulietta	10....	DS	FMS		1-6	
Mito	08....	DS	FMS		1-8	6.5
Spider	06....				1-9	6.5
AUDI						
A1	10....	D		UDS	3-B	
- Quattro	12....					
A2	01-05					4.1
A3	03-10	D	FM	UDS	3-A	4.2
	10-12	DS	FMS	UDS	3-B	
	12....					
A4	01-07	D	FM	S	3-8	5.2
	07...	DS	FMS	UDS	3-9	6.27
A5	07...	DS ³	FMS		3-9	6.17
A6	04-11	D	FM	UDS	3-D	6.3
	11....	DS ²			3-4	
A7	10....	DS ²			3-4	
A8	03-10	D	FM	UDS	3-D	6.20
	10....	VW			3-4	
Q3	11....				3-B	
Q5	08...	DS	FMS	UDS	3-9	6.17
Q7	06....	D	FM	UDS	3-D	6.3
R8	07...	VW	S	UDS	3-B	
S5	07...				3-9	6.17
TT	06-10-....	D	FM		3-A	6.5
	10....	D	FM		3-B	
BENTLEY						
Continental	GT 03...	D	FM			
BMW						
1 - e87	04-11	D	FM	UDS	7-0	6.2
- f20	11....	S		S	7-3	
3 - e46	98-05	D	FM			
- e90/91	05-08	D	FM	UDS	7-0	6.2
- e90N	08-12	D	FM	UDS	7-0	6.2
- f30	12....	S		S	7-3	
5 - e39	00-03	D ³	FM			
- e60/61	03...	D	FM	UDS	7-0	6.2
- f07	09....	S		S	7-1	
- f10/f11	10....	S		S	7-1	
6 - e63/64	04-11	D	FM		7-0	6.2
- f12	11....	S		S	7-1	
- Gr.Coupé	12....					
7 - f01/f02	09....	S	FM	S	7-1	
X1 - e84	09...	DS			7-0	
X3 - e83	03...	D	FM			
- f25	10....	S		S	7-1	
X5 - e53	00-06	D	FM			
- e70	07....	D ²	FMS		7-0	6.2
X6 - e71	08....	D ²	FMS ³		7-0	
Z4 - e85	03-09	D				
- e89	09....	D	FM	UDS		
CADILLAC						
BLS	06...	D ²	FM ²			
CTS	07...	DS ³	FMS			
DTS	11...	DS'	FMS			
CHEVROLET						
Aveo	11...	DS			3-2	
Captiva	07....	DS	FMS		4-8	6.13
Cruze	09...	DS ²	FMS		3-2	
Orlando	10...	DS ²	FMS	UDS	3-2	
Spark	10...	DS				
CHRYSLER						
300 C	05...	D	FM		E-0	
G.Voyager	08...	DS	FMS		E-2	
PT Cruiser	06....	D ³	FM			
Sebring	07....	D ³	FM			
CITROEN						

car model	year	--signal converter--			----car alarm----	
		4	4	8	CBL1	CBL2
CITROEN						
Berlingo	02-07	D'	FM			6.6
	08...	D	FM	UDS	2-9	6.6
C2	05...	D'			2-9	6.6
C3	05-10				2-9	6.6
	10...	D ³		UDS	2-9	
Picasso	09...	D	FM	UDS	2-9	
C4	05-11	D	FM		2-9	6.6
	11....	D ³			C-2	
Aircross	12...	D ²	FM			
Picasso	07...	D	FM		2-9	6.6
C5	01-04	D	FM			
	05-08	D	FM		2-9	6.6
	08...	D	FM	UDS	2-9	6.6
C6	05...	D	FM			
C8	02...	D	FM		2-9	6.20
C-Crosser	07...	D ³	FM ³		2-7	6.20
C-Zero	09....	D ²	FM ²			
DS3	10....	D ³	FM		2-9	
DS4	11....	D'			C-2	
DS5	12....					
Jumper	06-11	D	FM		2-1	6.4
	11....	DS			1-7	
Jumpy	07...	D	FM	UDS	2-9	6.6
Nemo	08...	S ³			1-8	6.6
Xsara Picasso	99	D	FM			
DACIA						
Duster	10...	D'	FM ²			
DAIMLER						
Super Eight	04...	D ²	FM ²			
DODGE						
Avenger	07....	D	FM			
Caliber	06....	D ³	FM		E-0	
Dakota	99....	S	FM			
Durango	06....	S	FM			
Journey	08....	D ²	FM ³		E-2	
Nitro	07....	DS	FMS		E-2	
Ram	09....	DS	FMS		E-0	
Ram Pickup	05...	D	FM			
FERRARI						
Scaglietti	08....				2-3	6.4
FIAT						
500	07...	DS ³	FMS		1-8	6.4
Bravo II	07...	D	FM ³		2-3	6.4
Chroma	06...	D	D		2-2	6.4
Dobló	01-10	D ³	FM			
	10....	DS'	FM ³		1-8	
Ducato	06...	D	FM		2-1	6.4
	11....	DS'			1-7	
Fiorino	08....	S ³			1-8	6.6
Freemont	11...				E-5	
Gr. Punto	05-08	DS	FMS		1-8	6.4
	08...	DS	FMS		1-8	
Idea	03-08				2-2	6.4
	08...				2-2	
Linea	07...	DS'			2-3	6.4
Panda	03-11	D	FM		2-3	6.4
	12....	DS ³	FM		1-8	
Qubo	08...	DS'	FMS		1-8	
Punto Evo	10....	DS	FMS		1-8	
Scudo	06...	D	FM		2-9	6.6
Sedici	07....	DS ²	FMS'		A-0	
Stilo	01-05	D'	FM'		3-3	6.4
	06...	D'	FM'		3-4	6.4
Ulysse	02....	D	FM			
FORD						



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car model	year	--signal converter--			----car alarm----	
		4	4	8	CBL1	CBL2
FORD						
B-max	12...					
C-max	03-10	D	FM	UDS	1-1	4.3
	10...	DS			1-5	
Edge	07...	S	S			
F 150	04-09...	S	S			
F 250	08...	S	S			
Fiesta	02-04	D ²	FM ³			
	05-08	D ³	FM ³		1-2	6.17
	08...	D ³		UDS	1-3	
Focus	04-08	D	FM	UDS	1-1	4.3
	08-11	D	FM	UDS	1-1	4.3
	11...	DS			1-5	
Fusion	02-04	D ²	FM ³			
	05...	D ³	FM ³		1-2	6.17
Galaxy	06...	D	FM			
Grand C-max	11...	DS			1-5	
Ka	09...	DS ²			1-8	
Kuga	08...	D ³		UDS	1-1	
Mondeo	03-07	D ²	FM ³			
	07-10	D	FM ²	UDS ⁶	4-0	6.16
	10...	D	FM ²		1-A	
Mustang	05-11	S	S			
Ranger	11...	S	S		A-E	
S-max	06-11	D	D	UDS		
	11...	D ²			1-A	
Tourneo Conn	06-09	D'	FM ²			
	09...	D ²	FM ³		A-B	
Tansit	06...	D'	FM ²			
Connect	06-09	D'	FM ²			
	09...	D ²	FM ³		A-A	
GMC						
Savana	03...	DS				
HONDA						
Accord	05-08.				4-B	6.18
	08....	DS ²	FMS		4-C	6.23
Civic	05-11	DS ²	FMS		4-A	6.18
	12...				6-1	
Civic Hybrid	07...	DS ²	FMS		4-A	6.18
CR-V	06....	DS ³	FMS		4-A	6.18
CR-Z	10....	DS ²	FMS ³			
Insight	09....	DS ²	S		4-A	
Jazz	08....	DS'	S		4-A	
Jazz Hybrid	11....	DS ²	FMS ³			
Pilot	08....				4-D	6.23
HYUNDAI						
Elantra	11...				B-8	
H 1	08...	S	S			
H 300	08...	S	S			
i20	09...	S				
i30	09-11	S				
	12...					
i40	11...	S			B-3	
ix20	10....				B-7	
ix35	10....	S			B-0	
Solaris	11...				B-A	
Veloster	11...	S				
INFINITI						
EX	08....	D	FM		3-E	
FX 45	04....				1-E	6.14
50 S	08....	D	FM			
G 35	07....				1-C	6.17
37	08....	D	FM			
37 S	08....	D	FM			
M 35	07....				1-D	6.17
QX	11....				3-1	
IVECO						
Daily	06-11	D ³			2-1	6.4
	11...	DS'			1-7	
JAGUAR						

car model	year	--signal converter--			----car alarm----	
		4	4	8	CBL1	CBL2
JAGUAR						
S-type	98-04	S	S			
	04....	S	S			
X-type	01....	D	FM			
XF	08....	S				
XJ	03-10	S	S			
	10....	S				
JEEP						
Cherokee	05....	DS ³	FMS			
Commander	06....	S	S			E-0
Compass	07....	D ³	FM			E-0
Gr.Cherokee	05-10	D'	FMS			E-0
	10....	DS	FM			E-4
Patriot	07....	D ³	FM			E-0
Wrangler	07....	DS	FMS			E-2
KIA						
CEED	06-09....	S				
Optima	12...					
Rio	11....	S				
Sorento	09....	S				D-3
Sportage	10....	S				D-0
LAMBORGHINI						
Murcielago	05....					
LANCIA						
Delta	08...	D	FM		2-3	
Flavia	12...					
Musa	04....				2-2 / 3	6.4
Phedra	02....	D	FM			
Thema	11....	S				E-7
Voyager	11....	DS'				
Ypsilon	03-11				2-2 / 3	6.4
	11...	DS ²			1-8	
LANDROVER						
Discovery 3	04-10	S				
Discovery 4	10....		S		6-2	
Freelander2	07....	S	S		6-1	
RangeRov.	06...	S			6-0	6.20
Ra.R.Evoque	12...	S			6-2	
Ra.R.Sport	10...		S		6-2	
LEXUS						
CT	11....	S				
GS	08-12				4-4	6.23
	12....					
IS	06...				4-4	6.23
LS	06...				4-9	6.23
LX	08...				2-5	6.23
RX	03-09	DS'				
	09....	S				
MAZDA						
2	07-10	D ³	FM ³	UDS	8-1	
	10....	S		UDS	8-1	
3	03-09	D ³	FM ³			
	09....	D ³	FM ³		8-1	
5	10....	S	S		8-1	
6	08-12	S	S	UDS	8-0	
	12...					
CX-5	12...	S			8-3	
MPV	04-08				8-0	
MERCEDES						



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car model	year	--signal converter--			----car alarm----	
		4	4	8	CBL1	CBL2
MERCEDES						
A w168	97-04	D	FM			
w169	05-12	D	FM		5-2	3.0
w176	12....					
B 245	05-11	D	FM	UDS	5-2	3.0
246	11....	DS ³	S		5-4	
C w203	01-06	D	FM	UDS	5-1	6.5
w204	07....	DS ³	FMS	UDS	5-4	6.24
CL c140	91-98	D	FM			
c216	06....	S	FM		5-4	
CLK c209	03....	D	FM		5-1	3.0
CLS c219	01-11	D	FM		5-1	6.5
c218	11....	S			5-4	
E w211	03-09	D	FM	UDS	5-1	6.5
w212	09....	DS	FMS	UDS	5-4	
E C. w207	09....	DS	FMS	UDS	5-4	
G	90....	D	FM			
G L 164	06....	S	S		5-2	6.6
GLK 204	08....	DS ³	FMS		5-4	
M w163	98-04	D	FM			
w164	05-11	S	S		5-2	6.6
w166	11....	DS'	S		5-4	
R w251	05....	S	FM		5-2	3.0
S w140	91-98	D	FM			
w220	99-05	D	FM			3.0
w221	06....	DS	FMS ²		5-4	6.28
SL w230	01-12	D	FM			
12....						
SLK r171	04-11	D	FM		5-1	3.0
r172	11....				5-4	
Sprinter	00-06	D ³				
06....		D ³	FM ³	UDS	5-2	3.0
Vaneo 414	02....	D	FM			
V / Vito	99-03	D	FM			4.2
04-10-...		D	FM	UDS	5-1	6.5
04-10-...		D	FM	UDS	5-1	6.5
MINI						
Cooper	07....	D	FM	UDS	7-0	6.2
Countryman	10....	S			7-0	
Roadster	12....					
MITSUBISHI						
ASX	10....	D ²	FM ³		2-7	
Colt	04....	D ²	FM ³			
Grandis	04....	S				
iMiev	10....	D ²	FM ²			
Lancer	08....	D ²	FM ³			
Outlander	07-10	D ²	FM ³	UDS	2-7	6.20
Outlander	10....	D ²	FM ³		2-7	
NISSAN						
Cabstar	06....	D ²	FM ²			
Evalia	11....	D ³			4-1	
Juke	08....				4-7/3-1	
Interstar	04-11	D ³	FM			
Kubistar	04....	D				
Leaf	11....	D ²	FM ²			
Micra	05-10				4-1/3-F	6.9
10....					4-7/3-F	
Murano	04-10	D ³	FM		3-5	6.28
10....					3-5	
Navara	05....	D'	FM'	UDS ³	4-7/3-F	6.12
Note	06....				4-1/3-F	6.9
NV 200	10....	D ³			4-1	
NV 400	11....	D ³			9-B	
Patrol	10....				3-5	
Pathfinder	05....	D'	FM'		4-7/3-F	6.18
Pixo	09....	DS'				
Primastar	03....	D ³	FM			
Qashqai	07....	D	FM	UDS ³	4-7/3-F	6.12
Qashqai 2	09....	D	FM	UDS ³	4-7/3-F	6.12
Teana	07....				3-6	6.18
Tiida	07....				4-1/3-F	6.17
X-Trail	04....	D ³	FM ²		4-7/3-F	6.12
OPEL						

car model	year	--signal converter--			----car alarm----	
		4	4	8	CBL1	CBL2
OPEL						
Agila	08...	DS'	FM ³			
Ampera	12....	DS'	S			
Antara	07...	DS ³	FM ³		4-8	6.13
Astra G	00-04				4-2	4.4
H	04-07	D ³	FM ³	UDS	4-3 / 5	4.4
H	07-10	D ²	FM ²	UDS	4-3 / 5	6.17
J	10....	DS ²	FMS ²	UDS	3-2	
12....						
Combo Tour	04-12	D ²	FM ²			
10....		DS'	FM ³		1-8	
Corsa C	04-05	D ²	FM ²			
D	06....	DS'	FMS ³		4-6	6.8
GT	07....	D'	FMS			
Insignia	09....	DS ²	FMS	UDS	3-2	
Meriva	04-10	D ²	FM ²			
10....		DS ²	FMS ³		3-2	
Movano	03-10	D ³	FM			
10....		D ³	FM		9-B	
Signum	03....	S	S	UDS	4-5	4.4
Vectra	02....	D	FM	UDS	4-5	4.4
Vivaro	01-10	D ³	FM			
10....		S				
Zafira	03-05				4-3 / 5	6.5
05-11		D ³	FM ³	UDS ⁷	4-3 / 5	6.10
Tourer	11....	DS ²		UDS	3-2	
PEUGEOT						
207	06...	D	FM	UDS	2-9	6.6
208	12...	D ²	FM			
307	01-04	D	FM	UDS		
05....		D	FM		2-9	6.6
308	07...	D	FM	UDS	2-9	6.6
3008	09...	D	FM	UDS	2-9	
406	01-04	D ³	FM ³			
407	04....	D	FM		2-9	6.6
4007	08....	D ²			2-7	6.20
4008	12...					
508	10....	D ²			2-E	
5008	09....	D	FM	UDS ³	2-9	
607	00-05	D ²	FM ²			
05....		D	FM ³			
807	02....	D	FM		2-9	6.6
Bipper	08....	S ³			1-8	6.6
Boxer	06....	D	FM		2-1	6.4
11....		DS'			1-7	
Expert	07....	D	FM	UDS	2-9	6.6
iOn	10....	D ²	FM ²			
Partner	03....	D ³	FM ³			
07....		D ³	FM ³		2-9	6.6
Ranch	03....	D ³ *	FM ³			
RCZ	10....	D'			2-9	
PORSCHE						
911 / 997	04-11	S			0-9	6.3
911 / 991	11....				2-F	
Boxster	05-12	DS	FMS		0-9	
12....						
Cayenne	03-10	DS	FMS		10 / 3E	6.3
10....		DS	FMS		2-F	
Cayman	05....	S ³	S		0-9	6.3
Panamera	09....	S			2-F	
RENAULT						



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		4	4	8	CBL1	CBL2
RENAULT						
Clio	01-05	D ³	FM			
	05....	D ³	FM			9-B
Espace	01-06	S	S			
	06....	D ³	FM			
Fluence	10....	D'				9-A
Gr. Scénic	09....	D'	FM'			9-A
Kangoo	03-08	S'	S ²			
	08....	S	S	UDS ³		9-B
Koleos	08....	D				
Laguna	01-07	D ³	FM ²	UDS		
	07....	DS ³	FMS			9-A
Mascott	05....	D'	FM'			
Master	03-10	D ³	FM			
	10....	D ³	FM			9-B
	Prop. 03....	D'	FM'			
Megane	07-08	D	FM	UDS*		
	09....	DS ²	FMS'			9-A
Modus	04....	D ³	FM ³			
Scenic	03-09	D	FM			
	09....	D'	FM'			9-A
Trafic	01-10	D ³	FM			
	10....	S		UDS ³		9-B
Twingo	07-11	D'	FM ²			
	12....					
Twizy	12....					
Wind	10....	D'	FM ²			
ROVER						
75	04....					
SAAB						
9-3	07...	DS ³	FMS	UDS		8-A
9-5	06...	DS'				
SEAT						
Alhambra	00-10	D	FM			
	10....	D	FM	UDS		3-B
Altea	04-09	D	FM	UDS		4.1
	09....			UDS		3-B
Altea XL	06-09	D	FM	UDS		6.5
	09....	D	FM	UDS		3-B
Cordoba	05...					3-C 6.5
Exeo	09...	S	S	S		3-8
Ibiza	03-08					3-D 5.2
	08....	D				3-7 5.2
Leon	05-09	D	FM	UDS		3-A 6.5
	09....	D	FM	UDS		3-B 6.5
Mii	12....	D	FM			3-0
Toledo	05...	D	FM			3-A 6.5
SKODA						
Citigo	12...	D	FM			3-0
Fabia	00-06					6.5
	07-10					3-C 6.5
	10....	D ³		UDS		3-0
Mission L	12...					
Octavia	04-05	D	FM			4.1
	06-08...	D	FM			3-B 6.5
Roomster	06-11	D	FM	UDS		3-C 4.1
	11....	D	FM			3-0
Superb	02-08					B-5 6.5
	08.	DS	S	UDS		3-B 6.5
Yeti	09.	D	FM	UDS		3-B
SMART						

car model	year	--signal converter--			---car alarm---	
		4	4	8	CBL1	CBL2
SMART						
For-2	97-07	D	FM			
For-2	07....	S	S ³			
For-4	04....	D ²	FM			
Roadster	03....	D	FM			
SSANGYONG						
Actyon	07....	S	S			
Korando	10....	D ²	FM			
Kyron	05....	S	S			
Rodius	05....	S	S			
SUBARU						
BRZ	12...					
Impreza	07....	DS ³	FMS			
XV	12...					
SUZUKI						
Alto	09....	DS'	FMS'			
Grand Vitara	05....	DS ³	FMS			A-0
Kizashi	10....	DS ²	FMS'			
Splash	08....	DS ²	FMS'			A-0
Swift	05-10	S				A-0
	10....	S				A-2
	06....	DS ²	FMS'			A-0
TOYOTA						
Auris	07-10	DS	FMS	UDS ⁶		2-4 6.6
	10....	DS'				2-0
Avensis	09....	S				2-4 6.6
Camry	05....					2-4 6.6
Corolla	07....	DS ²	FMS ³			2-4 6.6
IQ	09...	S				2-4
GT 86	12...					
Landcr. 150	09...	S				
Landcr. 200	07....	DS ³	FMS ³	UDS ³		2-4 6.6
Landcr.Prado	09....	S				
Prius	04-09	S				
	09....	S				2-4
Rav 4	06...	DS ²	FMS ³	UDS ³		2-4 6.6
Urban Cruiser	10...					2-5
Verso	09....					2-4
Verso S	11...	S				2-4
Yaris	06-11	DS'	FMS ³			2-4 6.6
	11....					2-5
VW Volkswagen						



universally suitable CANBUS-interfaces with 4 or 8 signal outputs

- S = speed pulses
- rpm = engine r.p.m.
- I = ignition (+15)
- E = engine runs
- R = reversing signal
- L = low beams on
- H = high beams on
- P = parking light on
- B = brake activ
- br = blinker right side on
- bl = blinker left side on

This list shows the following interface types:-

D / DS= 4 outputs
S + L + I + R

FM / FMS= 4 outputs
S + rpm + I + E

UDS= 8 outputs
S + rpm + br + bl + L + H + P + B

For the single car model is indicated, if * = not all, or ' = only 1, ^ = only 2, ^3 = only 3 outputs are available.

Beside such universally fitting signal converters there are **special solutions** (marked with S) possible and available **on request**.

S indicates that for this car model a special signal converter is required.

CANBUSLINE car alarm universally suitable for cars with oem remote control

For the single car model is shown, whether CBL1 or/and CBL2 can be installed.

CBL1 is configurated to the car model by PC-software (i.e. 6.5 indicates the device`s hardware required at least).

CBL2 is configurated to the car model by 2 selector screws (i.e. 1-9 figures the selectors' adjustment)

car model	year	--signal converter--			--car alarm--	
		4	4	8	CBL1	CBL2
VW Volkswagen						
Amarok	10....	D ³	FM		3-0	
Beetle	99-12					4.1
	12....				3-0	
Bora	99....					4.1
Caddy 2K	04-10	D	FM	UDS	3-B	6.5
	10...	D	FM		3-B	
Caravelle	03-09	D ³	FM	UDS ³	3-C	6.5
	09....	D ³	FM		3-0	6.5
CC	12...					
Crafter	06....	D ³	FM ³	UDS	5-2	3.0
Eos	06...	D	FM		3-B	6.5
Fox	05-11	D	FM			
Golf 4	99-03					4.1
5	04-08	D	FM	UDS	3-B	6.5
5 Plus	05-09	D	FM	UDS	3-B	6.5
6	08....	D	FM	UDS	3-B	6.5
6 Plus	09...	VW	S	UDS	3-B	6.5
7	12...					
Jetta	05-11	D	FM		3-B	6.5
	12....					
Lupo	98....	DS ¹				
Passat (3B)	99-05	D ²	FM		B-5	5.1
(3C/B6)	05-10	D	FM	UDS	3-B	6.5
	10...	D	FM	UDS	3-B	
CC	08...	D	FM	UDS	3-B	6.5
Phaeton	02....	D ²	S			
Polo 6N	99-04					4.1
9N	05-09	VW	FM	UDS ³	3-C	4.1
6R	09...	VW	FM	UDS ³	3-0	
Sedan	10...				3-3	
Scirocco	08....	D	FM	UDS ³	3-B	6.5
Sharan	00-10	D	FM			
	10....	D	FM	UDS	3-B	
T5 Multivan	03-09	D ³	FM	UDS*	3-C	6.5
	09....	D ³	FM	UDS ⁴	3-0	6.5
Tiguan	07....	D	FM	UDS	3-B	6.1
Touareg	03-05	D	FM			6.0
	06-10	D	FM		3-E	6.9
	10....	VW			3-4	
Touran	03-05	D	FM	UDS	3-B	6.1
	06-10	D	FM	UDS	3-B	6.5
	10...	D	FM	UDS	3-B	6.5
Transporter	03-09	D ³	FM		3-C	6.5
	09....	D ³	FM	UDS*	3-0	6.5
Up	12....	D ³			3-0	
VOLVO						

car model	year	--signal converter--			--car alarm--	
		4	4	8	CBL1	CBL2
VOLVO						
C30	07....	DS	S			9-0
	10....	D ¹				9-0
C70	06....	D	FM			9-0
	10....	D ¹				9-0
S40	04-07	D	FM			
	08-10	D ³	FM ²			9-0
	10....	D ¹				9-0
S60	00-04	D	FM			
	04-10	DS ³	FMS			9-1
	10....	S				9-3
S80	98-04	D	FM			
	04-06	DS ³				
	06-09	DS	FMS			
	09-11	DS ²	FMS			9-2
	11....	S				
V40	12....					
V50	04-07	D	FM	UDS*		
	07-10	D ³	FM	UDS*		9-0
	10...	S	S	S		
V60	10....	S				
V70	00-04	D	FM			
	04-07	DS				
	07-09-11	DS ³		S		9-2
XC40 V40	12....					
XC60	08-09	DS	FMS ²			9-2
	10-....	DS	FMS ²			9-4
XC70 V70	07-09-11	DS ³	FMS ¹			9-2
	11....	S				
XC90	03-06	D	FM			
	06....	DS ³	FMS ²			9-1

further CANBUS signal converters,
special or customized ones, too,
CANBUS car alarms,
or other "trouble shooters"
solving problems with car electronics
will be presented on request.